CURRICULUM VITAE
Prof. Dr. Blerim Rexha

BASIC INFORMATION	
University of Prishtina	Birthday: 1 May 1970, Prishtina, Kosovo.
Faculty of Electrical and Computer Engineering	Sex: M
Address: Kodra e Diellit pn, Prishtina, Kosovo	Married and has three children
Phone: +383 38 554 896	Email: blerim.rexha@uni-pr.edu

EDUCATION	
2004	Graduation of the doctoral studies in Electrical Engineering and Information Technology at the Vienna University of Technology with Univ. Prof. Dr. Dietmar Dietrich as research advisor.
	Thesis: *"Securing Web Services in a User-to-Application Model Based on Certificate Extensions and Smartcard Technology"*
1994	Graduation from the Faculty of Electrical Engineering with distinction. Average grade during studies: 9.6 out of 10.
	Thesis: "*Elementet elektronike në robotikë dhe aplikimi në një rast konkret"*

UNIVERSITY CAREER	
Ongoing (Since Oct. 2018)	Full professor at the Faculty of Electrical and Computer Engineering, University of Prishtina.
2011 - 2018	Associate professor at the Faculty of Electrical and Computer Engineering, University of Prishtina.
Nov. 2011 – Mai 2015	Adjunct professor (part-time) at the American University in Kosovo (AUK).
2014 - 2014	Guest professor at Linnaeus University, Vaxjo – Sweden, teaching course: Computer Security.
2007 - 2011	Assistant professor at the Faculty of Electrical and Computer Engineering, University of Prishtina.
2005 - 2007	Guest professor at the Faculty of Electrical and Computer Engineering, University of Prishtina.
1995 - 1995	Teaching Assistant at the University of Prishtina, Technical High school in Mitrovica, Kosovo.
1992 - 1994	Student vice Rector at University of Prishtina

TEACHING COURSES	
Ongoing (Since Oct. 2007)	Data Security, Computer Networks, Information Security, and Software Engineering, Faculty of Electrical and Computer Engineering, University of Prishtina.
Ongoing (Since Oct. 2006)	Data Security, Computer Networks, Network Security Faculty of Electrical and Computer Engineering, University of Prishtina.
Ongoing (Since Oct. 2005)	Data Security, Faculty of Electrical and Computer Engineering, University of Prishtina.

SUPERVISED PhD STUDENTS	
1.	Dr. Sc. Gazmend Krasniqi PhD thesis: A mathematical and engineering contribution to public key cryptography in case of biometric identity documents. Faculty of Technical Sciences, University of Vlora, Albania Completed in July 2019
2.	Dr. Sc. Vehbi Neziri PhD thesis: Assuring anonymity and privacy in Electronic Voting with Distributed Technologies Based on Blockchain. Faculty of Electrical and Computer Engineering, University of Prishtina, Kosovo Completed November 2022
3.	Dr. Sc. Ramadan Dervishi PhD thesis: Assuring anonymity and privacy in Electronic Voting with Distributed Technologies Based on Blockchain. Faculty of Electrical and Computer Engineering, University of Prishtina, Kosovo Completed November 2022

SUPERVISED BSc & MSc STUDENTS	
Ongoing (Since Oct. 2007)	150+ students supervised in their bachelor's diploma work.
Ongoing (Since Oct. 2007)	45+ students supervised in their master thesis.

PROFESSIONAL CAREER	
2018 – Ongoing	Board member at PBC and QA Engineer, Prishtina.
2021 – 2023	HERAS Plus Expert for the Train the Trainers program in scientific research methodologies
2015 – 2020	Board member, bona fides, at Innovation Centre Kosovo (ICK) (http://ickosovo.com/, Prishtina.
2012 – 2020	Head of Computer Engineering Department, Faculty of Electrical and Computer Engineering, University of Prishtina, Prishtina.
2015 – 2017	President of the Board at Kosovo Accreditation Agency, Prishtina.
2012 – 2014	Member, bona fides, of the Board at Kosovo Karate Federation, Prishtina
2012 – 2014	External, part time, ICT expert for e-Services at Ministry of Internal Affairs, Kosovo.
2013 – 2013	President of the Board at Kosovo Privatization Agency, Prishtina.
2008 - 2011	Deputy Minister of Ministry of Energy and Mining. Government of Republic of Kosovo.
2006 - 2007	System Architect and Manager at CSE – Computer & Software Engineering company, in Prishtina, Kosovo.
2000 - 2006	Software developer, software architect, senior IT consultant and project manager in Siemens AG, Program and System Engineering division in Vienna, Austria.
1999 - 2000	Software engineer in the PDTS GmbH, Smart Card Department in Vienna, Austria.
1995 - 1999	Freelance software developer and network administrator, Vienna, Austria.
1995 - 1995	Software engineer at CST Company in Prishtina, Kosovo.
1995 - 1995	Teaching Assistant at the University of Prishtina, Technical High School in Mitrovica, Kosovo.

SCIENTIFIC PUBLICATIONS

[79] **Blerim Rexha, Arbena Musa, Kamer Vishi and Edlira Martiri**.

Unveiling the Digital Fingerprints: Analysis of Internet attacks based on website fingerprints

Sent for publication to: International Journal of Information and Computer Security (https://www.inderscience.com/jhome.php?jcode=ijics , 2023

[78] **Blerim Rexha, Vehbi Neziri and Ramadan Dervishi**

Enhancing Trustworthiness and Interoperability of Electronic Voting Systems through Blockchain Bridges

To be published in HighTech and Innovation Journal (https://www.hightechjournal.org/index.php/HIJ), Vol. 4 No. 4 (2023)

[77] **Blerim Rexha, Rrezearta Thaqi, Kamer Vishi and Artan Mazrekaj**
Guarding the Cloud: An Effective Detection of Cloud-Based Cyber Attacks Using Machine Learning Algorithms

To be published in International Journal of Online and Biomedical Engineering (https://online-journals.org/index.php/i-joe/index), Vol. 19 No. 17 (2023)

[76] **Vegim Bytyqi and Blerim Rexha**
Machine Learning Boosted Trees Algorithms in Cybersecurity: A Comprehensive Review.

Future of Information and Communication Conference (FICC) 2024
4-5 April 2024 | Berlin

[75] **Synim Selimi, Kamer Vishi and Blerim Rexha**
CyberNFTs: Conceptualizing a decentralized and reward-driven intrusion detection system with ML,
International Journal of Information and Computer Security (2023)
https://doi.org/10.1504/ijics.2023.133385

(Indexed by Scopus)

[74] **Ramadan Dervishi, Vehbi Neziri and Blerim Rexha.**

Transactions privacy on blockchain using web of trust concept.
Information Security Journal: A Global Perspective (2022),
https://doi.org/10.1080/19393555.2022.2100844

(Indexed by Scopus)

[73]	**Vehbi Neziri, Isak Shabani, Ramadan Dervishi and Blerim Rexha** Assuring anonymity and privacy in electronic voting with distributed technologies based on Blockchain MDPI Journal of Applied Sciences, 2022, 12, 5477. https://doi.org/10.3390/app12115477 (Indexed by Scopus)
[72]	S. Aleksic, L. Colonna, C. Dantas, A. Fedosov, F. Florez-Revuelta, E. Fosch-Villaronga, A. Jevremovic, H.G. Msakniç, S. Ravi, **B. Rexha**, A. Tamò-Larrieux, "State of the art in privacy preservation in video data", https://doi.org/10.5281/zenodo.6806207 EU COST Action #19121, 2022
[71]	Rrezearta Thaqi, Kamer Vishi and **Blerim Rexha** "Enhancing Burp Suite with Machine Learning Extension for Vulnerability Assessment of Web Applications" Taylor & Francis Online, Journal of Applied Security Research, 2022 https://doi.org/10.1080/19361610.2022.2096387
[70]	**Vehbi Neziri, Ramadan Dervishi and Blerim Rexha** Survey on Using Blockchain Technologies in Electronic Voting Systems CSCC 2021, 25th International Conference on Circuits, Systems, Communications and Computers Platanias, Chania, Crete Island, Greece July 19-22, 2021, IEEE
[69]	**Arbena Musa, Kamer Vishi and Blerim Rexha** "Attack Analysis of Face Recognition Authentication Systems Using Fast Gradient Sign Method" Applied Artificial Intelligence, an International Journal, 2021 https://doi.org/10.1080/08839514.2021.1978149 (Indexed by Scopus)
[68]	**Ramadan Dervishi, Vehbi Neziri and Blerim Rexha** "Decreasing probability of 51% attack using grouping and random numbers based on overview on consensus models in blockchain technologies", DLT Banking Virtual Conference: New Challenges in the Banking System: The Role of Distributed Ledger Technology, 16-18 December 2020, https://www.bankingconference.org/wp-content/uploads/2022/01/List-of-admitted-papers.pdf, Sapienza University of Rome.
[67]	**Edon Gashi, Blerim Rexha, Avni Rexhepi*** "Trust establishment between OAuth 2.0 resource servers using claims-based authorization", Electronic Government, an International Journal, 2021 Vol.17 No. 3, pp.339 - 353 https://doi.org/10.1504/EG.2021.10035771 (Indexed by Scopus)

[66]	**Vlera Alimehaj, Arbnor Halili*, Ramadan Dervishi, Vehbi Neziri and Blerim Rexha** "Analysing and comparing the digital seal according to eIDAS regulation with and without blockchain technology", International Journal of Information and Computer Security, 2021 Vol.14 No.2, pp.171 – 191 https://doi.org/10.1504/IJICS.2021.113174 (Indexed by Scopus)
[65]	**Blerim Rexha, Ilir Murturi** "Applying Efficient Crowdsourcing Techniques for Increasing Quality and Transparency of Election Processes", Electronic Government, an International Journal, 2019 Vol.15 No.1, pp.107 – 128, https://doi.org/10.1504/EG.2019.10015623 (Indexed by Scopus)
[64]	**Bujar Krasniqi, Blerim Rexha* and Betim Maloku** „Energy Efficiency Optimization by Spectral Efficiency Maximization in 5G Networks ", International Journal of Electronics and Telecommunications, 2018, Vol. 64, pp. 497–503, https://doi.org/10.24425/123551 (Indexed by Scopus)
[63]	**Isak Shabani, Fatos Halilaj, Blerim Rexha*** "Impact of Electronic Competence Based Teaching in Higher Education ", Journal of Natural and Engineering Sciences, 2018, Volume 3, No: 3, pp. 233-247, (https://doi.org/10.28978/nesciences.468643)
[62]	**Gazmend Krasniqi, Petrit Rama, Blerim Rexha*** "Analyzing and comparing the performance of national biometric eID card in heavy cryptographic applications", Journal of Applied System Innovation. 2018, Volume 1, pp.37; (https://doi.org/10.3390/asi1040037) (Indexed by Scopus)
[61]	**Jehona Ferizi-Miftari, Blerim Rexha** "Procesi i përshtatjes dhe ristrukturimit të shkollës përkrahë zhvillimit shoqëror, ekonomik dhe politik në Kosovën e pasluftës – vështrim kritik", International conference, Kosovo Academy of Sciences and Arts, Prishtina, October 26 - 27 2018, pp. 229-246 http://www.ashak.org/repository/docs/Sistemi_i_Arsimit_567943.pdf
[60]	**Furtuna Mehmeti, Blerim Rexha** "Sfidat e sigurimit të cilësisë në arsimin lartë në Kosovë", International conference, Kosovo Academy of Sciences and Arts, Prishtina, October 26 - 27 2018, pp. 132-152 http://www.ashak.org/repository/docs/Sistemi_i_Arsimit_567943.pdf
[59]	**Besnik Dragusha, Kadri Sylejmani, Lule Ahmedi, and Blerim Rexha** "Mining data of anti-corruption institutions to identify unusual growing trends of assets of individuals", "Conference Mipro 2018" (www.mipro.hr), June 2018.

[58]	**Blerim Rexha, Halil Sadiku, Bujar Krasniqi*** "Using Record Level Encryption for Securing Information in Classified Information Systems", Journal of Natural and Engineering Sciences (NESciences), 2018 Volume 3, No 2, pp. 207-224, https://doi.org/10.28978/nesciences.424677

[57]	**Bujar Krasniqi and Blerim Rexha*** "Analysis of Macro-Femto Cellular Performance in LTE under Various Transmission Power and Scheduling Schemes ", Journal of Communications, 2018, Vol. 13, no. 3, pp. 119-123 https://doi.org/10.12720/jcm.13.3.119-123 . (Indexed by Scopus)

[56]	**Blerim Rexha, Gresa Shala* & Valon Xhafa** "Increasing trustworthiness of face authentication in mobile devices by modeling gesture behavior and location using neural networks", International Journal of Future Internet, 2018, Volume 10, Issue 2, 17 https://doi.org/10.3390/fi10020017 (Indexed by Scopus)

[55]	**Jehona Ferizi-Miftari & Blerim Rexha*** "The teachers' impact on policy making for the improvement of the school performance (The case of Kosovo)", International Journal of Education Economics and Development, 2018, Vol. 9 No. 1, pp.80-104, https://doi.org/10.1504/IJEED.2018.10012180 (Indexed by Scopus)

[54]	**Blerim Rexha, Dren Imeraj, and Isak Shabani*** "Using efficient TRNGs for PSEUDO profile in national eID card", International Journal of Recent Contributions from Engineering, Science & IT (iJES). eISSN: 2197-8581, 2018, Vol 6, No 1 pp. 57-73. https://doi.org/10.3991/ijes.v6i1.8357

[53]	**Kushtrim Kelmendi & Blerim Rexha** "Enhancing Network Security in PPPoE protocol during the logical Local Loop Unbundling", 4th International Conference on Information and Network Security (ICINS 2016) – supported by ACM Digital Library Kuala Lumpur, Malaysia during December 28-31, 2016 https://doi.org/10.1145/3026724.3026733 (Indexed by Scopus)

[52]	**Valon Xhafa, Korab Rrmoku & Blerim Rexha** "Using collaborative based algorithm for efficient management of limited resources on social networks", International Conference on Mathematics and Computers in Sciences and Industry - MCSI 2016 – supported by IEEE Computer Society Conference Publishing Services Crete, Greece, August, 2016 https://doi.org/10.1109/MCSI.2016.060 (Indexed by Scopus)

[51]	**Blerim Rexha, Ilir Murturi, Isak Shabani & Avni Rexhepi** "Improving Quality of Election Process Using Crowdsourcing Techniques", International Journal of Applied Mathematics, Electronics and Computers, ISSN: 2147-82282147-6799 https://dergipark.org.tr/tr/download/article-file/800058, IJAMEC, Volume 4 (4), pp.107-112, 2016 https://doi.org/10.18100/ijamec.49240
[50]	**Valon Xhafa, Blerim Rexha & Korab Rrmoku** "Towards an algorithm for efficient use of social network resources by using web scraping techniques", Mathematical Methods & Computational Techniques in Science & Engineering, Bratislava, Slovakia, November 28-30, 2015. https://doi.org/10.1109/MCSI.2016.060
[49]	**Blerim Rexha, Arbnor Halili, Korab Rrmoku and Dren Imeraj** "Impact of secure programming on web application vulnerabilities", IEEE International Conference on Computer Graphics, Vision and Information Security (IEEE CGVIS 2015), KIIT University, Bhubaneswar, Odisha, India, 2 and 3 November 2015. https://doi.org/10.1109/CGVIS.2015.7449894 (Indexed by Scopus)
[48]	**Blerim Rexha, Dren Imeraj, Ehat Qerimi & Arbnor Halili** "Efficient distribution conversion algorithm in low power TRNGs for embedded security applications", The 19th International Conference on Circuits, Systems, Communications and Computers (CSCC 2015) Technical sponsor for CSCC: IEEE Egypt Chapter, Greece, July 16-20, 2015
[47]	**Blerim Rexha, Afrim Haziri and Agni Dika** "Analiza e performancës së zgjidhjeve të problemit me N-mbretëresha me procesorë shumë-bërthamash në platformën .NET", Prishtina, Kosovo, Science Week organized by Ministry of Education, 12-15 May 2015.
[46]	**Blerim Rexha, Ehat Qerimi, Vehbi Neziri & Ramadan Dervishi,** "Using eID pseudonymity and anonmity for strengthing user freedom in Internet", CEEE|Gov Days 2015 Central and Eastern European e|Dem and e|Gov Days 2015 Independence Day: Time for a European Internet, Budapest, Hungary, May 7-8, 2015
[45]	**Blerim Rexha,** "Transition to Europa's most advanced electronic documents – the way ahead" – Invited Speaker, 12th Pan European High Security Printing Conference, Budapest, Hungary on 23-25 March 2015.

[44]	**Blerim Rexha, Lavdërim Shala and Ehat Qerimi,** "Increasing SMS privacy using AES encryption algorithm in Android application", The International Conference 'Recent Trends and Applications in Computer Science and Information Technology' Tirana, Albania, December 12-13, 2014
[43]	**Blerim Rexha, Blerta Likaj and Haxhi Lajqi** "Assuring security in private clouds using ownCloud", The International Conference 'Recent Trends and Applications in Computer Science and Information Technology' Tirana, Albania, December 12-13, 2014
[42]	**Blerim Rexha, Ehat Qerimi, Vehbi Neziri & Ramadan Dervishi** "Pseudo-anonimiteti në aplikacionet bashkëkohore duke përdorur eID", Prishtina, Kosovo, Science Week organized by Ministry of Education, 15-17 May 2014.
[41]	**Arbnor Halili, Blerim Rexha & Albert Aliu** "Implementation of digital signature in web to improve the quality of management information systems in education sector", European Scientific Journal December 2013 /SPECIAL/ edition vol.4 ISSN: 1857 – 7881 (Print) e - ISSN 1857- 7431, pp.187-197 November 2013. http://eujournal.org/index.php/esj/article/view/2472/2345
[40]	**Blerim Rexha,** "Transition to Europa's most advanced electronic documents" - presentation, World e-ID Congress - Nice, French Riviera Sept. 25-27, 2013.
[39]	**Ruzhdi Sefa & Blerim Rexha** "Unconditioned challenges for development of renewable energy sources in Kosovo", Scientific conference on "Energy and environment for sustainable development" organized Academy of Sciences and Arts of Kosovo, Prishtina, Kosovo, 30 October 2013, pp. 525-536 http://www.ashak.org/repository/docs/FIN_Energjetika_19_shtator_2014_FaqjaUeb_308740.pdf .
[38]	**Lule Ahmedi, Eliot Bytyçi, Blerim Rexha & Valon Raça** "Improving Students Learning Process by Analyzing Patterns Produced with Data Mining Methods", NAUN, International Journal of Education and Information Technologies, Issue 3, Volume 7, pp.90-97, 2013. https://www.naun.org/main/NAUN/educationinformation/c032008-120.pdf
[37]	**Arbnor Halili, Korab Rrmoku & Blerim Rexha** "Kosovo's websites vulnerabilities and its economic impact", Information Systems and Technology Innovations: towards a digital Economy, Tirana, Albania – June 15th – 16th, 2013 https://www.researchgate.net/publication/259503083_Kosovo's_websites_vulnerabilities_and_its_economic_impact

[36]	**Vehbi Neziri, Blerim Rexha & Ramadan Dervishi** "Comparing Simulated Annealing vs. Hill Climbing algorithms for TSP problem", Prishtina, Kosovo, Science Week organized by Ministry of Education, 15-17 May 2013.
[35]	**Artan Rexhepi, Blerim Rexha & Agni Dika** "Assessment of success factors of e-Government project implementation: Challenges for the Kosovo e-Government perspective" 6th International Conference on Theory and Practice of Electronic Governance (ICEGOV2012), New York, USA, 22-25 October 2012. https://doi.org/10.1145/2463728.2463790 (Indexed by Scopus)
[34]	**Lule Ahmedi, Eliot Bytyci, Blerim Rexha & Valon Raca** "Applying data mining to compare predicted and real success of secondary school students", 12th International Conference on Applied Informatics and Communications (AIC '12) Istanbul, Turkey, August 21-23, 2012
[33]	**Blerim Rexha, Vehbi Neziri & Ramadan Dervishi** "Improving authentication and transparency of e-Voting system – Kosovo case", International Journal on Computers and Communications, Issue 1, Volume 6, pp.84-91, 2012 https://www.academia.edu/download/30984034/17-858.pdf
[32]	**Blerim Rexha, Valon Raca & Agni Dika** "Extending Kosovo Civil Registry String Searching Algorithm" – International Journal on Computers and Communications, Issue 1, Volume 6, 2012
[31]	**Blerim Rexha, Ramadan Dervishi & Vehbi Neziri** "Increasing the trustworthiness of e-Voting systems using smart cards and digital certificates – Kosovo case 2011"- The 10th International Conference on e-Activities (E-ACTIVITIES '11), Bina Nusantara University, Jakarta, Island of Java, Indonesia, December 1-3, 2011 https://dl.acm.org/doi/10.5555/2183339.2183373
[30]	**Agni Dika, Blerim Rexha, Mentor Hamiti & Kadri Sylejmani** "Violation of ethical code by social networks on the Internet" – Alb-Science, International Conference on Engineering, Prishtina, Kosovo, September 2011
[29]	**Blerim Rexha, Vehbi Nezir & Ramadan Dervishi** "Electronic voting – Kosovo case" – Alb-Science, International Conference on Engineering, Prishtina, Kosovo, September 2011

[28]	**Blerim Rexha, Valon Raca & Agni Dika**
	"Enhancement of String Matching Queries on Albanian Names for Kosovo Civil Registry" – International Conference on Recent Advances in Computers, Communications, Applied Social Science and Mathematics, Barcelona, Spain, September 15-17, 2011
	https://dl.acm.org/doi/10.5555/2047950.2047981
	(Indexed by Scopus).

[27]	**Ferat Shala, Milaim Sadiku, Blerim Rexha, Bedri Dragusha & Sala Berisha-Shala**
	"Industrial landfill source of air pollution in Mitrovica" – Proceedings of the 5th International Conference on Waste Management, Water Pollution, Air Pollution, Indoor Climate (WWAI '11) Iasi, Romania, July 1-3, 2011
	(Indexed by Scopus)

[26]	**Blerim Rexha, Arben Ahmeti, Lule Ahmedi & Vjollca Komoni**
	"Developing energy forecast web tool for Kosovo market" – Journal Transaction on Information Science and Application, Issue 2, Volume 8, pp. 55-64, ISSN: 1790-0832, February 2011
	https://dl.acm.org/doi/10.5555/2037105.2037106
	(Indexed by Scopus)

[25]	**Murat Meha, Blerim Rexha, Ismet Shala and Bedri Dragusha**
	"Using Geographical Information System for Implementing Resettlement Strategies in Mining Areas in Kosovo" –Journal Transaction on Information Science and Application, Issue 1, Volume 8, pp.18-27, 2011.
	https://dl.acm.org/doi/10.5555/2001201.2001203
	(Indexed by Scopus)

[24]	**Bedri Dragusha, Blerim Rexha & Ilir Limani**
	"Analyzing wind data of the first wind farm in Kosovo" – International Journal of Thermal & Environmental Engineering, Volume 2, No. 2 pp 61-67, 2011
	https://www.academia.edu/18084937/Analyzing_Wind_Data_of_the_First_Wind_Farm_in_Kosovo

[23]	**Vjollca Komoni & Blerim Rexha**
	"Kursimi Potencial i Energjisë Elektrike në Amvisëri me Përdorimin e Llambave Efiçiente CFL" – Proceedings of 5-th Conference Albanian Thermo Technical Society "Collaboration of Albania and Kosovo in Energy Sector", Prishtina, 22-23 October 2010

[22]	**Blerim Rexha and Bedri Dragusha**
	Utilizing Renewable Energy Sources in Kosovo till 2020 - 3rd International Scientific Conference on Energy and Climate Change, pp.196- 204, Athens, Greece, 7- 8 October 2010
	http://www.promitheasnet.kepa.uoa.gr/images/3rd_Conference/Proceedings/session%204%20part4.pdf

[21]	**Blerim Rexha, Arben Ahmeti, Lule Ahmedi & Vjollca Komoni**
	"Web based electricity flow simulator – Kosovo case", 9th International Conference on System Science and Simulation in Engineering (ICOSSSE '10), Iwate Prefectural University, Iwate, Japan, October 4-6, 2010
	(Indexed by Scopus)

[20]	**Blerim Rexha, Shkelzen Nuza & Artan Mazrekaj** "Implementation of mobile network with the WiMAX technology in the territory of Kosovo", Alb-Science, International Conference on Engineering, Tirana, Albania, September 2010
[19]	**Blerim Rexha, Albert Aliu & Lule Ahmedi** "Cloud Platforms, state of the art and the benefit of using them", Alb-Science, International Conference on Engineering, Tirana, Albania, September 2010
[18]	**Murat Meha, Blerim Rexha & Ismet Shala** "Development of the Information System for Settlements in Mining Zones in Kosovo" – The 10th International Conference on Applied Informatics and Communications (AIC '10), Taipei, Taiwan, August 20-22, 2010 https://dl.acm.org/doi/10.5555/2170353.2170414
[17]	**Blerim Rexha, Haxhi Lajqi & Myzafere Limani** "Implementing Data Security in Student Lifecycle Management System at the University of Prishtina" –Journal Transaction on Information Science and Application, Volume 7, Issue 7, June 2010. https://dl.acm.org/doi/10.5555/1865361.1865369 (Indexed by Scopus)
[16]	**Blerim Rexha, Haxhi Lajqi & Myzafere Limani** "Using Smart Cards and X.509 Digital Certificates for Student Management Information System in University of Prishtina" – Proceedings of the 4th European Computing Conference, Bucharest, Rumania, 20-22 April 2010. (Indexed by Scopus)
[15]	**Blerim Rexha, Bedri Dragusha & Ilir Limani** "Feed-in tariffs in Kosovo" – The 5th IASME International Conference on Energy & Environment (EE'10) Cambridge, UK, February 23-25, 2010
[14]	**Bedri Dragusha, Blerim Rexha & Ilir Limani** "The use of wind generators in Kosovo" – The 7th International Conference on Environment, Ecosystems and Development (EED'09), Puerto De La Cruz, Canary Islands, Spain, December 2009
[13]	**Blerim Rexha, Ehat Qerimi & Haxhi Lajqi** "Building governmental Certification Authority using OpenSSL" – FLOSSK09, International Conference for Open and Free Software, Prishtina, Kosovo, August 2009
[12]	**Murat Meha & Blerim Rexha** "Integrated WebGIS in the Republic of Kosovo" – International Conference on Information Technology in Skopje, Macedonia, March 2009
[11]	**Blerim Rexha and Ilir Limani** "Smart meters" – cost benefit in case of Kosova energy market" –Alb-Science, International Conference on Energy and Environment, Tirana, Albania, August 2008
[10]	**Blerim Rexha** "Smart cards – securing user privacy", 1st International Conference on e-Government, Prishtina, Kosovo, June 2008

[9]	**Blerim Rexha** "Method for transmitting protected information to a plurality of recipients" – PATENT - United States Patent Application Publication, Pub. No. US 2007/0277013A1, Pub. Date Nov. 29, 2007
[8]	**Haxhi Lajqi, Mentor Arifaj and Blerim Rexha** "Communication of mobile devices with web services", Alb-Science, International Conference of Information Technology, Prishtina, August 2007
[7]	**Valon Raca & Blerim Rexha** "Google, how it works and how to cheat it"? Alb-Science, International Conference of Information Technology, Prishtina, August 2007
[6]	**Valdete Zenuni & Blerim Rexha** "Web services, state of the art", Alb-Science, International Conference of Information Technology, Prishtina, August 2007
[5]	**Blerim Rexha** "Smart Cards, what they are?" (in Albanian only), available at http://www.pr-tech.net/librat/smart_kartela.pdf , Vienna, September 2005
[4]	**Blerim Rexha** "XML Digital Signature" (in Albanian only), available at http://www.pr-tech.net/librat/xml.pdf , Vienna, August 2005
[3]	**Blerim Rexha** "Increasing User Privacy in Online Transactions with X.509 v3 Certificate Private Extensions and Smartcards", 7th International IEEE Conference on E-Commerce Technology 2005, Munich, Germany, July 2005 https://doi.org/10.1109/ICECT.2005.54 (Indexed by Scopus)
[2]	**Blerim Rexha** "Securing Web Services in a User-to-Application Model Based on Certificate Extensions and Smartcard Technology" (PhD thesis), Vienna University of Technology, Vienna, April 2004 http://katalog.ub.tuwien.ac.at/AC04281183
[1]	**Blerim Rexha** "Elementet elektronike në robotikë dhe aplikimi në një rast konkret" (Diploma thesis) University of Prishtina, Faculty of Electrical Engineering in Prishtina, Kosova, December 1994

	INVITED SPEAKER
1	„Transition to Europa's most advanced electronic documents". World e-ID Congress, Nice, French Riviera Sept. 25-27, 2013
2	„ Transition to Europa's most advanced electronic documents – the way ahead". 12th Pan European High Security Printing Conference, Budapest, Hungary on 23-25 March 2015.
3	"Planet Crypton" - Invited Speaker by Innovation Center KosovoPrishtina, September, 2015
4	"e-Education as the key driver to reform Education in Kosovo", Invited Speaker, International Conference "Austrian Kosovo e-Government Day, Prishtina March 2015.
5	"Enhancing Cyber Security – Together", Invited Speaker, First Regional Conference on Cyber Security Threats, Hotel Emerald, Prishtina, Kosovo, 21-22 November 2016 https://www.facebook.com/cybersecuritprivacy/videos/1697113223904940/
6	"The role of education in security/privacy awareness raising" – Invited speaker International Conference on Privacy in Digital Age, , Hotel Emerald, Prishtina, Kosovo, January 2017
7	"Cyber Security global trends & Kosovo" International Conference for Cyber Security, Cybercrime and Cyberlaw, Faculty of Law, University of Prishtina, Kosovo, May, 2018
8	"Challenges of e-Services in Kosovo using national biometric eID card" – Invited speaker at DiGiDay International Conference, University of Gjilan, Kosovo, May 2019
9	"Electronic seals on digital services" – Invited speaker International Conference on the Day When Hacking is Legal, VI Ed., Prishtina, Kosovo, November 21, 2021
10	Threats to information integrity: Youth at the front line International Information Integrity Conference, DISICON Ed. 3 - Prishtina April 14th, 2022
11	Cyber security, electronic identification and digitalization of postal services. International conference organized by ECIKS, Prishtina, April 21st, 2022
12	Invited speaker to 3rd expert round with TUM for Securing processes in the governmental environment through encryption technologies. Munich, Germany, 27 March 2023
13	Keynote speaker at the University in Gjilan Presenting the cutting-edge research in the field of electronic voting using blockchain technology at the annual conference for science and technology, organized by 'Kadri Zeka' University in Gjilan, May 2023
14.	"Challenges of Using Artificial Intelligence in Higher Education and Scientific Research" – Invited by Kosovo Erasmus+ Office, Mitrovica 2023.

SCIENTIFIC AND PROFFESIONAL PROJECTS	
eIDAS Trusted Services Provider https://rks-trust.com/ 2023	The primary objective of the project is to setup a first national Trusted Services Provider for issuance of digital identities based on eIDAS EU Regulation 910/2014.
EU COST Action 2021 - ongoing	I'm member of working group 2 (WG2) of GoodBrother EU COST Action 19121. This action deals with: Network on Privacy-Aware Audio- and Video-Based Applications for Active and Assisted Living (https://goodbrother.eu/) . Research presentation at COST EU Action: "My current projects using blockchain technologies" – at Napoli University Napoli, Italy September 9, 2022
Security of electronic voting with blockchain technologies Ministry of Education 2021	The primary objectives of the project are to analyze and propose new approaches to secure electronic voting using blockchain technologies.
Promotion of the Cyber Hygiene E-Learning course U.S. Department of State & CRDF Global 2021-2022	The primary objectives of the project are to increase the level of awareness among students on cyber threats and enhance their skills in cyber hygiene for students of non-cybersecurity specializations. The course is located on a website cybereducation.org with learning management system (LMS) owned by CRDF Global.
HERAS – with Vienna University of Technology 2020-2021	The task of finding appropriate course timetables is of great importance for the universities, students and teachers. Therefore, one of the challenging questions in course timetabling is the automated generation of high quality solutions without the help of human expert.
Automated Curriculum-based Course Timetabling in the University of Prishtina	The aim of this project is to tackle exactly this challenge. We will develop new optimization methods based on artificial intelligence techniques for the problem of course timetabling at the University of Prishtina. Our methods will be based on hybrid techniques and automated algorithm selection. Furthermore, we aim to develop a prototype implementation that will be used for course timetabling at the Faculty of Electrical and Computer Engineering. The project shall be completed in June 2019.

USAID – World learning	Collaboration in Cyber Security with Fulbright Specialist - project supported by USAID and World Learning in Prishtina to share knowledge about the latest developments in cyber security and supporting Kosovo Computer Emergency Response Team (Kosovo – CERT) with labs and hands exercises. The Prof. Dr. Murthy Rallapalli from Georgia State University-Robinson College of Business, Atlanta, GA and IBM le researcher and responsible for recent security technologies. Under common guidance out team of students participated in global IBM Watson analytics challenge, and managed to qualify in top 10. Project completed in November 2017.
MEST	Scientific project "Increasing security and privacy in contemporary software applications" supported by Ministry of Education, Sport and Technology (MEST), Government of Republic of Kosovo, through small projects schema. The main objective of the project is to analyze contemporary software applications based on web and embedded systems from data security point of view (completed in 2015)
e-ID	Consultancy project per Ministry of Internal Affairs, Government of Republic of Kosovo regarding the new ID cards requirements and implementation of PKI for Kosovo (completed in 2015).
Electronic voting	In this project is implemented the electronic voting in Kosovo. User authentication is based on smart card ID and finger print authentication. There were developed many application for different systems and mobile platforms. Final project presentation can viewed on http://www.youtube.com/watch?v=5KAOlxq0UFw
Kondirolli Pharmaceutics	Managing developing, implementing, and deploying software solution for biggest pharmaceutics in Kosova. The developed software solution, traces all production stages from raw material arriving, analyzing it, making pharmaceutics, testing them and putting them to warehouse for sale. This software was developed with Microsoft Visual Studio 2005 in C# and it uses SQL Server 2005 as database server.
Digitally Document Archive for Austrian Chambers of Notary	Managing developing, implementing, and deploying of digitally Documents Archive software solution for Notary Chamber of Austria. Document Archive was a pioneer project of the Austrian Government toward to e-Government.
Trust Desk Integration into	Integrating Trust Desk software solution, i.e. compatible with Austrian Digital Signature Law and Data Privacy Law, into

Notary application	Notary Document Archive application
Munich Airport Access Control with Infineon contact less smartcards SLE16	Managing an integration project for access control to an existing overall solution with high security requirements. A contact less card of type Infineon SLER16 is used as employee card for access control in Munich Airport. This is a multi-application card used in a very high security environment.
E-card Austria	Implementing and testing all required functionality for Austria social insurance card (e-Card). Siemens was leader in consortium in project worth more than 40 Mil. €. Integrating e-Card under Windows 2000, Windows XP and Linux.
Certificate Server Century City Doctors Hospital – Los Angeles, USA	Consultancy and on site configuration and support for Siemens Heath Solution in USA in **C**entury **C**ity **D**octors **H**ospital, Los Angeles in a smartcard and certificate services project. Defining different workflows for physicians and other hospital personal were defined and deployed (XML and XML schemas). Digital certificates (X.509) are stored in a smartcard and are used for secure logging and encryption/decryption of sensitive data.
e-Service Consultant	Government of Kosovo is preparing the national economic developing plan 2007-2013. Developing SWOT analysis, vision, objectives and budgeting.
Clearing Program	Clearing stays for getting the paid cash-less data from Automates and sending these data to bank through a predefined interface and a network.
GSM Clearing Server	Through a GSM network getting cash-less pay data from different automates in different places in Austria.
MAPP	**M**anagement **A**dministration & **P**ersonalization **P**latform is an application which runs under Windows 2000 to produce records (data) for contacted based and contact less smartcards. This product is used by German Telecom, Alcatel Istanbul, SuperCom Israel, Marimpex Croatia and Infineon Germany/Austria.
SBR	For the travel agency "**S**üd**B**ahnhof **R**eisen" with the main office in Vienna and its branches in different places in Austria (Linz , Graz, and Vienna airport) and Kosova we developed a distributed multi-tier application for charter-plane ticket booking that runs

	under Windows platform. Office branches are connected to the main office using VPN. This software solution was implemented in VBA and SQL Server 2000.
TPM	Integrating Infineon's **T**rusted **P**latform **M**odule in **Windows** operating system.

PATENTS	
I'm author of patent about data privacy, X.509 certificates, smartcards and secure electronic transactions over Internet. Sponsor and (co)owner of the patent is Siemens AG company. The patent is filled on::	
13.08.2003	German Trade Mark Office, Germany and is titled: "Verfahren zum Übermitteln von geschützten Informationen an mehrere Empfänger".
9.08.2004	USA, and is titled: "Increasing privacy with X.509 Certificate private extensions in electronic transactions". http://www.google.com/patents/US20070277013

BOOKS AND COURSE MATERIALS	
1	Blerim Rexha "Lecture notes on Data Security" FIEK, available at: https://eid.uni-pr.edu/Ligjerata/, 2012, Prishtina,
2	Ehat Qerimi & Blerim Rexha Lecture notes Lab part on Data Security FIEK, 2012, Prishtina,
3	Blerim Rexha "Lecture notes on Network Security" FIEK, available at: https://eid.uni-pr.edu/Ligjerata/, 2012, Prishtina,
4	Haxhi Lajqi & Blerim Rexha "Lecture notes lab part on Computer Network" FIEK, available at: https://eid.uni-pr.edu/Ligjerata/, 2012, Prishtina,

PROFESSIONAL MEMBERSHIPS	
2004 -	Austrian Engineering Society, Vienna
2006 -	ICT Society in Prishtina
2014 -	IEEE Member

INTERNATIONAL COLLABORATION	
1995 - Ongoing	Vienna University of Technology, Vienna, Austria
2007 - 2007	Institute of Technology, Carlow, Ireland
2007 - 2007	University of La Rochel, France
2008 - 2011	University of Pittsburg, Pittsburgh Pennsylvania, USA
2011 - 2012	Vienna University of Business and Administration, Vienna, Austria
2014 - 2014	Linnaeus University, Vaxjo, Sweden
2016 - 2016	James Madison University, Harrisonburg, Virginia, USA
2017 - 2017	Georgia State University (GSU), Atlanta, Georgia USA

AWARDS	
1994	"Distinguished Student Awards" by University of Prishtina for excellent average grade during studies (9.6 out of 10), Prishtina.
2013	Best Paper Award – "Kosovo's websites vulnerabilities and its economic impact" – Tirana, Albania
2015	Best Paper Award – "Applying Efficient Crowdsourcing Techniques for Increasing Quality and Transparency of Election Processes" – Gazi, Turkey
2016	"ICT Academician of the Year" by Albanian ICT Awards (https://www.youtube.com/watch?v=HcVmPPPdu1M – https://ictawards.org Tirana, Albania.
2018	"Ambassador" of Cyber Security and Privacy, https://www.cybersecurity-privacy.com/ international conference hosted for many years in Prishtina for continues support. Prishtina, Kosovo.
2022	1st place in International Cybersecurity Exercise 2022, organized with University of Iowa, Prishtina, Kosovo. https://blerimrexha.uni-pr.edu/?p=1042
2023	2nd place in International Cybersecurity Exercise 2023, organized with University of Iowa, Prishtina, Kosovo.

HOBBY	
Reading	Contemporary national and international books.
Jogging & Karate	Practicing since 1983, holder of black belt (5 Dan), won several times Kosovo Championship, Member of the Karate Club Iliria, For more see http://www.youtube.com/watch?v=tJYdkWoHgr8

FOREIGN LANGUAGES	
Albanian	Mother tongue
English	Excellent
German	Excellent
Serbo-Croatian	Excellent

Prishtina, December 2023