



Marika Apostolova



Fakulteti : **Shkencat dhe Teknologjite Bashkëkohore**
Thirja akademike : **Profesor inordinar**

Të dhënat personale

Data e lindjes : **6 tetor 1983**
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Gjuhët

- **Macedonian**, C2 - Proficient
- **English**, C1 - Advanced
- **Albanian**, B1 - Intermediate

Arsimimi

• Nov 2011 - Nov 2015: PhD

Faculty: Faculty of Computer Science and Engineering
"ss. Cyril and Methodious" University, Skopje, Macedonia
Specialty: e-Medical Services based on Semantic Web
Thesis: "e-Medical Services based on Semantic Web"

• Sep 2006 - Apr 2008: Master of Computer Science

Faculty: Faculty of Contemporary Sciences and Technologies
South East European University, Tetovo, Republic of Macedonia
Specialty: Software Development and Applications

• Sep 2002 - Jun 2006: Graduated in Computer Sciences

Faculty: Faculty of Communication Science and Technologies
South East European University, Tetovo, Republic of Macedonia

Publikimet

- Buja, Atdhe; Apostolova, Marika; Luma, Artan **A model proposal for enhancing cyber security in industrial IoT environments**. In *Indonesian Journal of Electrical Engineering and Computer Science*, pp. 231-241. 2024.
- Buja, Atdhe ; Apostolova, Marika; Luma, Artan **A Model Proposal of Cybersecurity for the IIoT: Enhancing IIoT Cybersecurity through Machine Learning and Deep Learning Techniques**. In *Advances in Artificial Intelligence and Machine Learning* , pp. 2408-2415. 2024.
- Abazi Chaushi, Blerta; Selimi, Besnik; Çausi, Agron; Apostolova, Marika **Explainable Artificial Intelligence in Education: A Comprehensive Review**. Springer, Lisbon, Portugal, 2023.
- buja, Atdhe; Apostolova, Marika; Luma, Artan; Januzaj, Ylber **Cyber Security standards for the Industrial**

- Aliti, Admirim; Apostolova, Marika; Luma, Artan; Aliu, Azir; Fetaji, Majlinda; Snopce, Halil **Ethereum Smart Contract Deployment for a Real Estate Management System (REMS) Implemented in Blockchain**. In *TEM Journal. Volume 12, Issue 3, ISSN 2217-8309, DOI: 10.18421/TEM123-18, August 2023.* , pp. pages 1383-1389. 2023.
- Aliti, Admirim; Apostolova, Marika; Luma, Artan **Design and Development of Smart Contract for Public Administration focused on Real Estate Certificates' Management by using Ethereum and IPFS**. Selçuk University, Konya, Turkey, 2022.
- Aliti, Admirim ; Leka, Elva; Luma, Artan; Apostolova, Marika **A Systematic Literature Review on Using Blockchain Technology in Public Administration; 2022 45th Jubilee International Convention on Information, Communication and Electronic Technology (MIPRO)**; DOI: [10.23919/MIPRO55190.2022.9803797](https://doi.org/10.23919/MIPRO55190.2022.9803797). IEEE, Opatija, 2022.
- Abazi-Bexheti, Lejla; Kadriu, Arbana; Apostolova, Marika **Research on VR/AR integration in education**. MIPRO 2022, Opatija, Croatia, 2022.
- Capraz, Selcuk; Apostolova, Marika; Snopce, Halil; Abazi-Bexheti, Lejla; **Improving ICT Learning Experiences through Gamification**. MECO 2020, **The 9th Mediterranean Conference on Embedded Computing** . MECO, IEEE, Budva, Montenegro, 2020.
- Apostolova, Marika; Abazi-Bexheti, Lejla; Sarxhoski, Perica; Doko, Edona; **Digital Literacy in Teaching English as a Foreign Language - Combined EFL and ICT Instruction**. 3rd International Scientific Conference on Business and Economics “Transition to Development: Emerging Challenges and Perspectives”. SEEU, Tetovo, 2019.
- Apostolova, Marika; Kajtazi, Arbesa; Abazi-Bexheti, Lejla; Kadriu, Arbana; **Applying data mining and data visualization within the scope of audio data using spotify**. In **International Association for the Development of the Information Society**. IADIS , Utrecht, Netherlands, 2019.
- Abazi-Bexheti, Lejla; Kadriu, Arbana; Apostolova, Marika; **Investigating Gender Gap in Computer Science Research Community**. In **42nd International convention on information and communication technology, electronics and microelectronics**. MIPRO, Opatija,Croatia, 2019.
- Rustemi, Imet; Apostolova, Marika; Cico, Betim; **MyGitIssues Web Application as a Solution in Dealing with Issues on GitHub**. 8th Mediterranean Conference on Embedded Computing (MECO) . MECO, IEEE, Budva, Montenegro, 2019.
- Susuri, Arsim; Hamiti, Mentor; Apostolova Trpkovska, Marika; Mollakuqe, Elissa; **LTP-Based Validation of a Modified Linux Real-Time Environment**; **International Journal on Information Technologies & Security**, No. 2 (vol. 11), 2019; Union of Scientists in Bulgaria; ISSN 1313-8251. 2019.
- Trpkovski, Nebojsha; Apostolova Trpkovska, Marika; Koceski, Sreten; **DESIGNING AN EFFECTIVE E-LEARNING COURSE BY USING STRATEGICAL APPROACH**; **Fenestra, Novelties and trends in the educational process**, ISBN 978-608-65861-3-3. 2018.
- Abazi Bexheti, Lejla; Kadriu, Arbana; Apostolova Trpkovska, Marika; Jajaga, Edmond; Abazi Alili, Hyrije; **LMS Solution: Evidence of Google Classroom Usage in Higher Education**. In *Business Systems Research Journal, The Journal of Society for Advancing Innovation and Research in Economy*, e-ISSN: 1847-9375 , pp. 31-43. 2018.
- Selimi, Neroida; Apostolova Trpkovska, Marika; Abazi Bexheti, Lejla; Fetaji, Majlinda; **Utilization of Customer Relationship Management (CRM) theory, prototype and tools for improved strategic marketing in HE**; **The 7th Mediterranean Conference on Embedded Computing, MECO 2018**. IEEE, Budva, 2018.
- Abazi Bexheti, Lejla; Kadriu, Arbana; Apostolova Trpkovska, Marika; **Self Learning Trends in the Field of Introductory Programming**; **MIPRO 2018/CE 41st International Convention on Computers in Education**. IEEE, Opatija, 2018.

- Apostolova Trpkovska, Marika; Hamiti, Mentor; Susuri, Arsim; **Ethical Background of Using Modern Internet Technologies as a Medium for Communication in the Educational System in Macedonia; 41st International Convention on Information and Communication Technology, Electronics and Microelectronics (MIPRO)**. IEEE, Opatija, 2018.
- Abazi Bexheti, Lejla; Kadriu, Arbana; Apostolova Trpkovska, Marika; **Quantitative Structured Literature Review of Research on e-Learning. MIPRO 2017, 40th Jubilee International Convention May 22 – 26, 2017 pp: 761-765.** MIPRO/IEEE, Opatija, Croatia, 2017.
- Apostolova Trpkovska, Marika; Abazi Bexheti, Lejla; Cico, Betim; **Enhancing flipped classroom model implementation, 6th Mediterranean Conference on Embedded Computing (MECO)**. IEEE, Bar, Montenegro, 2017.
- Abazi-Bexheti, Lejla; Jajaga, Edmond; Abazi-Alili, Hyrije; Kadriu, Arbana; Apostolova-Trpkovska, Marika; **A Google Classroom-Based Learning Management System: Empirical Evidence from SEEU, ENTerprise Research InNOVAtion Conference, Vol. 3, No. 1, ISSN: 1849-7950.** ENTRENOVA, Dubrovnik, Croatia, 2017.
- Apostolova Trpkovska, Marika; Yildirim Yayilgan, Sule; Besimi, Adrian; **An Integrated Children Disease Prediction Tool within a Special Social Network. Special Topic Conference (STC) of the European Federation for Medical Informatics (EFMI).** ISBN: 978-1-61499-633-0. April 2016.. IOS Press, Paris, 2016.
- Apostolova-Trpkovska, Marika; Cico, Betim; Abazi-Bexheti, Lejla; **Prediction of Children Diseases using Semantics. 5th Mediterranean Conference on Embedded Computing (MECO 2016).** IEEE. Montenegro. . MECO, Bar, 2016.
- Abazi-Bexheti, Lejla; Apostolova-Trpkovska, Marika; Kadriu, Arbana; **Migration from in-house LMS to Google Classroom: case of SEEU. 39th International Convention on Information and Communication Technology, MIPRO, Croatia..** MIPRO, Opatija, 2016.
- Abazi-Bexheti, Lejla; Cico, Betim; Apostolova-Trpkovska, Marika; Ismaili, Burim; **Dimension of E-Learning Usage Based on Level of Studies: The Case of SEE University. International conference on E-Learning, 11-12 September 2015. University of Applied Sciences, Germany.** University of Applied Sciences, Berlin, 2016.

Përvoja e punës

- **Nov 2015 - Present : Docent**

South East European University, Tetovo, Macedonia

Type of business or sector: Higher Education

Main responsibilities: Employed full time as a Docent for the courses: System and Software Engineering, Introduction to Computer Science, Algorithms and Data Structures, Desktop Publishing, Object Oriented Programming, C++ Programming I and II, Software Project Management

- **Apr 2008 - Nov 2015: Assistent**

South East European University, Tetovo, Macedonia

Type of business or sector: Higher Education

Main responsibilities: Employed full time as a assistant for the courses: System and Software Engineering, Introduction to Computer Science, Algorithms and Data Structures, Desktop Publishing, Object Oriented Programming, C++ Programming I and II

- **Sep 2008 - Sep 2015: Support Administrator for LMS Libri**

South East European University, Tetovo, Macedonia

Type of business or sector: Higher Education

Main responsibilities: Administration and support of the LIBRI LMS development system for online course management

- **Sep 2006 - Sep 2008: Support Administrator for LMS Angel**

South East European University, Tetovo, Macedonia

Type of business or sector: Higher Education

Main responsibilities: Administration and support of the ANGEL LMS system for online course management.

- **Sep 2006 - Apr 2008: Assistant**

South East European University, Tetovo, Macedonia

Type of business or sector: Higher Education

Main responsibilities: Employed full time as a younger assistant for the courses: System and Software Engineering, Introduction to Computer Science, Advanced IT Skills, Data Structures, Object Oriented Programming, C++ Programming I