



## Lejla Abazi-Bexheti



Faculty : **Contemporary Sciences and Technologies**  
Position : **Full Professor**

### Personal data

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### Languages

- **Albanian**, Native
- **English**, C2 - Proficient
- **Macedonian**, C2 - Proficient
- **Turkish**, C1 - Advanced

## Education

- **Dec 2006 - Dec 2009: Doctor in Computer Science**  
Faculty: Faculty of Contemporary Sciences and Technologies  
*South East European University, Tetova, Macedonia*  
*Specialty: e-learning*  
**Thesis:** "A Reflective Investigation for In-house Development of a Learning Management System Using Modular Approach"
- **Mar 2003 - Jul 2006: Master of Electrical Engineering Science**  
Faculty: Faculty of Electrical Engineering and Information Technologies  
*Ss. Cyril and Methodius, Skopje, Macedonia*  
*Specialty: Computers and Informatics*
- **Sep 1992 - Sep 2000: Computer Science Engineer**  
Faculty: Faculty of Natural Sciences and Mathematics, Institute of Informatics  
*Ss. Cyril and Methodius, Skopje, Macedonia*  
*Specialty: Applied Informatics*

## Publications

- Shala Riza, Ledian; Abazi-Bexheti, Lejla; Zoroja, Jovana **Early Identification of At-Risk Students in Online Education: A Deep Learning Approach to Predictive Modelling..** In *Business Systems Research Journal*, pp. 16(2), 69–91.. 2026.
- Abazi-Bexheti, Lejla **Shifting from Quality Control to Quality Enhancement: Insights from QA-SURE Project Partner Institutions.** (Springer) *Economic Resilience and Sustainability - Vol. 2 (ISCBE 2025)*, 2026.
- Trunk, Sirca; Ndreu Alili, Albana; Abazi-Bexheti, Lejla; Shala, Merita; Novak Trunk, Anica **Building HE institutional QA system and QA offices : the QA-SURE project in Kosovo and Albania.** In *International journal of management, knowledge and learning*, pp. volume 14. issue 2 (2025) 414-425. 2025.

- Shehu, Visar; Abazi-Bexheti, Lejla; Besimi, Adrian; Ismaili, Florije; Besimi, Nuhi; Sallii, Shqipe; Selimi, Besnik; Çaushti, Agron **Improving Situational Awareness During Natural Disasters Using XR Technologies**. IEEE, Salento, 2025.
- Kadriu, Arbana; Abazi-Bexheti, Lejla **LANGUAGE TECHNOLOGIES AND DIGITAL HUMANITIES FOR LOW-RESOURCE LANGUAGES AND COMMUNITIES**. In **PROCEEDINGS OF INTERNATIONAL SCIENTIFIC CONFERENCE DIGITAL COMPETENCIES IN HIGHER EDUCATION** (p. 113). LOGOS UNIVERSITY COLLEGE , Tirane, Albania, 2025.
- Sinanaj, Luan; Bedalli, Erind ; Abazi-Bexheti, Lejla **Predicting road accident risks using web data: A classification approach**. In *Edelweiss Applied Science and Technology*, 9(10), pp. 992–1004. . 2025.
- Shala Riza, Ledian; Abazi-Bexheti, Lejla **Predicting Student Engagement in Virtual Learning Environments Using ML Approaches with Data Balancing Techniques**. Springer, Porto, Portugal, 2025.
- Hyseni, Besart; Abazi-Bexheti, Lejla **Cybersecurity and Efficacy of Open Data Platforms**. In *IETI Transactions on Data Analysis and Forecasting (iTDAF)*, iTDAF | eISSN: 2959-0442 | Vol. 2 No. 1 (2024), pp. pp. 4–22.. 2024.
- Shala Riza, Ledian; Abazi-Bexheti, Lejla **ML Techniques Integration in Digital Learning Platforms: Students' Dataset Statistical Analysis**. ENTRENOVA - ENTerprise REsearch InNOVAtion, Dubrovnik, 2024.
- Hyseni, Besart; Abazi-Bexheti, Lejla **The Impact of Open Data Standardization on the Successful Management of e-Government**. MECO, IEEE explore, Budva, Montenegro, 2023.
- Sinanaj, Luan; Abazi-Bexheti, Lejla **Predicting Road Accidents with Web Scraping and Machine Learning Techniques**. In *Economic Recovery, Consolidation, and Sustainable Growth*, Tetovo, 2023.
- Sinanaj, Luan; Abazi-Bexheti, Lejla **Analysis and Visualization of Road Accidents Using Heatmaps Based on Web Data**. In *SEEU REVIEW*. 2023.
- Sinanaj, Luan; Abazi-Bexheti, Lejla **A Classification Model for Predicting Road Accidents Using Web Data**. ENTRENOVA, Dubrovnik, 2023.
- Kamińska , Dorota ; Zwoliński , Grzegorz ; Maloku , Hena ; Ibrani, Mimoza; Guna, Jože; Pogacnik, Matevž Pogačnik; Eric Haamer, Rain ; Anbarjafari, Gholamreza ; Abazi-Bexheti, Lejla; Bozhiqi , Kristel **The Trends and Challenges of Virtual Technology Usage in Western Balkan Educational Institutions**. In *Information, Volume 13, Issue 11 (November 2022)*, pp. 525. 2022.
- Hyseni, Besart; Abazi-Bexheti, Lejla **Perspective of open data application in Kosovo, challenges, and advantages**. Budva, Montenegro, 2022.
- Shehu, Visar; Sallii, Shqipe; Kadriu, Arbana; Abazi-Bexheti, Lejla; Zenuni, Xhemal **Selected chapters in VR/AR**. SEEU, Tetovo, 2022.
- Zenuni, Xhemal; Abazi-Bexheti, Lejla; Shehu, Visar; Kadriu, Arbana; Sallii, Shqipe **Introduction to VR development with Unity**. SEEU, Tetovo, 2022.
- Abazi-Bexheti, Lejla **FACTORS AFFECTING TREND INTENTION IN YOUTUBE VIDEOS**. IADIS Digital Library, Virtual , 2022.
- Abazi-Bexheti, Lejla; Kadriu, Arbana; Apostolova, Marika **Research on VR/AR integration in education**. MIPRO 2022, Opatija, Croatia, 2022.
- Kadriu, Arbana; Abazi-Bexheti, Lejla **The Who in VR/AR for Education: A Scoping Review from IEEE Publications**. ENTerprise REsearch InNOVAtion Conference - ENTRENOVA, Opatija, 2022.
- Capraz, Selcuk; Apostolova-Trpkovska, Marika; Snopce, Halil; Abazi-Bexheti, Lejla; **mproving ICT Learning Experiences through Gamification**. MECO, IEEE explore, Budva, Montenegro, 2020.

- Abazi-Bexheti, Lejla; Kadriu, Arbana; **Evolution of the Topics in Computer Science Research Publications' Titles Over the Past Half Century**. Mipro, IEEE explore, Opatija, Croatia, 2020.
- Sahatqija, Kosovare; Kadriu, Arbana; Abazi-Bexheti, Lejla; **Using Bibliometric Analysis to Measure and Understand the Gender Gap in Published Computing Books**. In *International Journal of E-Services and Mobile Applications (IJESMA)*. IGI Global, 2020.. 2020.
- Kadriu, Arbana; Abazi Bexheti, Lejla; Abazi-Alili ,Hyrije; Rmadani, Veland; **Investigating Trends in Learning Programming using YouTube Tutorials**. In *International Journal of Learning and Change* . In *Inderscience Publishers*. 2019.
- Ramadani, Veland; Hisrich, Robert; Abazi-Alili, Hyrije; Dana, Leo-Paul; Panthi, Laxman ; Abazi-Bexheti, Lejla; **Product innovation and firm performance in transition economies: A multi-stage estimation approach**. In *Technological Forecasting and Social Change (Elsevier)*, pp. 271-280. 2019.
- Abazi Bexheti, Lejla; Kadriu, Arbana; Apostolova Trpkovska, Marika; **Investigating Gender Gap in Computer Science Research Community** . MIPRO, Opatija,Croatia, 2019.
- Apostolova-Trpkovska, Marika; Kajtazi, Arbasa; Abazi-Bexheti, Lejla; Kadriu, Arbana ; **APPLYING DATA MINING AND DATA VISUALIZATION WITHIN THE SCOPE OF AUDIO DATA USING SPOTIFY** . IADIS, UTRECHT, THE NETHERLANDS, 2019.
- Mihajlovski, Bojan; Fetaji, Bekim; Abazi Bexheti, Lejla; Fetaji, Majlinda; **Analyses of Ecological and Energy Footprint as indicators of Energy Management in the transition to sustainability using social networks**. 42nd International convention on information and communication technology, electronics and microelectronics, MIPRO , Opatija,Croatia, 2019.
- Apostolova Trpkovska, 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", Tetovo, 2019.
- Kadriu, Arbana; Abazi, Lejla; **Albanian Text Classification: Bag of Words Model and Word Analogies**. In *Business Systems Research, Vol. 10, Issue 1, 2019..* 2019.
- Neroida, Selimi; Apostolova, Marika; Abazi, Lejla; Fetaji, Majlinda; Cico, Betim; **Utilization of Customer Relationship Management (CRM) theory, prototype and tools for improved strategic marketing in HE**. Budva, Montenegro., 2018.
- Abazi-Bexheti, Lejla; Kadriu, Arbana; Apostolova, Marika; **Self Learning Trends in the Field of Introductory Programming**. MIPRO. Opatija,Croatia, 2018.
- Doko, Edona; Abazi-Bexheti, Lejla; Shehu, Visar; **Sequential Pattern Mining Model of Performing Video Learning History Data to Extract the Most Difficult Learning Subjects**. Entrenova. Split, Croatia, 2018.
- Doko, Edona; Abazi Bexheti, Lejla; Hamiti, Mentor; Prevalla, Blerta; **Sequential Pattern Mining Model to Identify the Most Important or Difficult Learning Topics via Mobile Technologies**. In *iJIM – Vol. 12, No. 4, 2018, pp. 109-122*. 2018.
- Abazi-Bexheti, Lejla; Shehu, Visar; Shehu, Visar; Doko, Edona; **Sequential Pattern Mining Model of Performing Video Learning History Data to Extract the Most Difficult Learning Subjects**. Entrenova, Split, 2018.
- Abazi-Bexheti, Lejla; Jajaga, Edmond; Abazi-Alili, Hyrije; Kadriu, Arbana; Apostolova-Trpkovska, Marika; **LMS Solution: Evidence of Google Classroom Usage in Higher Education**. In *Business Systems Research Journal (A systems view across technology and economics)*, pp. 31-43. 2018.
- Abazi Bexheti, Lejla; Kadriu, Arbana; Apostolova Trpkovska, Marika; **Quantitative structured literature review of research on e-Learning**. 40th International convention on information and communication technology, electronics and microelectronics, MIPRO May, 2017, Opatija,Croatia, 2017.
- Apostolova-Trpkovska, Marika; Cico, Betim; Abazi-Bexheti, Lejla; **Enhancing Flipped Classroom Model**

**Implementation.** 6th Mediterranean Conference on Embedded Computing (MECO 2016). IEEE., Bar, Montenegro, 2017.

- Abazi-Bexheti, Lejla; Jajaga, Edmond; Abazi-Alili, Hirije; Kadriu, Arbana; Apostolova, Marika; **A Google Classroom-Based Learning Management System: Empirical Evidence from SEEU.** ENTRENOVA. IRENET, Zagreb, Croatia, Dubrovnik, 2017.
- 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, Opatija, Croatia.. MIPRO, Opatija, 2016.
- Apostolova-Trpkovska, Marika; Cico, Betim; Abazi-Bexheti, Lejla; **Prediction of Children Diseases using Semantics (A case study of www.emama.mk).** 5th Mediterranean Conference on Embedded Computing (MECO 2016). IEEE. Bar, Montenegro. . MECO, Bar, 2016.
- Apostolova Trpkovska, Marika; Abazi Bexheti, Lejla; Cico, Betim; **Practical Experience of Applying the Flipping Learning Model in a Master Course at SEEU.** International Conference on E-Learning, Future Education and Training in Computing, 8-9 September, 2016, Bratislava, Slovakia, 2016.

## Work Experience

- **Dec 2019 - Present : Full Professor in the field of Computer Sciences**  
South East European University, Tetovo, Macedonia  
*Type of business or sector: Education and Research*
- **Oct 2018 - Aug 2022: Director of the PhD School**  
South East European University , Tetovo, Macedonia  
*Type of business or sector: Education and Research*
- **Nov 2014 - Nov 2019: Associate Professor at Faculty of Contemporary Sciences and Technologies**  
South East European University , Tetovo, Macedonia  
*Type of business or sector: Education and Research*
- **Jan 2016 - Sep 2018: Pro Rector for Academic Issues**  
South East European University , Tetovo, Macedonia  
*Type of business or sector: Education and Research*
- **Oct 2014 - Dec 2015: Dean of Faculty for Contemporary Sciences and Technologies**  
South East European University, Tetovo, Macedonia  
*Type of business or sector: Education and Research*
- **Dec 2009 - Nov 2014: Assistant Professor at Faculty of Contemporary Sciences and Technologies**  
South East European University , Tetovo, Macedonia  
*Type of business or sector: Education and Research*
- **Oct 2010 - Sep 2014: Director of eLearning Center**  
South East European University, Tetova, Macedonia  
*Type of business or sector: Education and Research*
- **Apr 2012 - Sep 2014: Assistant Provost**  
South East European University, Tetovo, Macedonia  
*Type of business or sector: Higher Education - Management*
- **Dec 2006 - Dec 2009: Teaching Assistant at Faculty of Contemporary Sciences and Technologies**  
South East European University, Tetovo, Macedonia  
*Type of business or sector: Education and Research*
- **Sep 2005 - Aug 2009: Director of Computer Center**  
South East European University, Tetovo, Macedonia

*Type of business or sector: Education and Research*

- **Feb 2003 - Dec 2006: Junior Assistant at Faculty of CST**

South East European University, Tetovo, Macedonia

*Type of business or sector: Education and Research*

- **Nov 2001 - Dec 2002: IT instructor at the Computer Centre**

South East European University, Tetovo, Macedonia

*Type of business or sector: Education and Research*

- **Sep 2000 - Feb 2002: Adm. Director of SIH-English Lang. Teaching School in Tetovo**

SIH-Skopje, Tetovo, Macedonia

*Type of business or sector: Education*