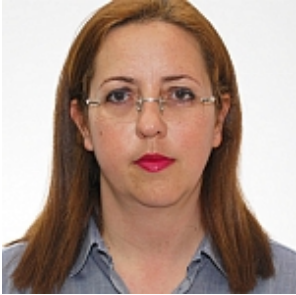




Arbana Kadriu



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

Personal data

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Languages

- **Albanian**, Native
- **Macedonian**, C2 - Proficient
- **English**, C1 - Advanced
- **German**, A2 - Elementary
- **Italian**, A1 - Beginner

Education

- **Jun 2005 - May 2008: PhD in Computer Sciences**
Faculty: Faculty of Natural Sciences and Mathematics, Institute of Informatics
Ss. Cyril and Methodius University, Skopje, Macedonia
Specialty: Natural Language Processing
Thesis: "Analysis, Morphological Segmentation and Electronic Translation of Agentive Nouns"
- **1999 - 2002: MSc in Elec. Technic Sciences**
Faculty: Electrotechnical Faculty
Ss. Cyril and Methodius University, Skopje, Macedonia
- **1992 - 1997: Engineer of Informatics**
Faculty: Faculty of Natural Sciences and Mathematics, Institute of Informatics
Ss. Cyril and Methodius University, Skopje, Skopje, Macedonia

Publications

- 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.
- Kamberaj, Valton; Kadriu, Arbana; Besimi, Nuhi **From Dataset to Melody: Enhancing Music Composition with Computational Models**. In *Interdisciplinary Journal of Research and Development*, Vol. 12 No. 2, pp. 64-73. 2025.
- Ahma, Greta; Kadriu, Arbana **Exploring the Impact of Gamification Strategies on Student Engagement and Learning Outcomes in Education**. 20th Annual System of Systems Engineering Conference (SoSE), IEEE, Tirana, Albania, Tirane, 2025.
- Ahma, Greta; Kadriu, Arbana **Harnessing Artificial Intelligence to Transform Education: Challenges and Opportunities**. In *SEE Review*, Vol. 20, pp. 31-49. 2025.

- Ahma, Greta; Kadriu, Arbana **Personalized Learning in the Age of AI: Adaptive Strategies for Enhancing Student Engagement and Outcomes.** In *Proceedings of CSIT@ 2025*, p. 180-195. UAMD, Albania, Durrës, 2025.
- Kadriu, Arbana; Rista, Amarildo , A. **A Fully Automated Pipeline for Sentence-Aligned ASR Dataset Construction in Low-Resource Languages Using Fuzzy Matching.** In *Proceedings of CSIT@ 2025*, p. 39-57. UAMD, Albania, Durres, 2025.
- Misini, Arta; Canhasi, Ercan; Kadriu, Arbana; Fetahi, Endrit **Automatic authorship attribution in Albanian texts.** In *PLOS 19(10)*. 2024.
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- Kamberaj, Valton; Kadriu, Arbana; Besimi, Nuhi **Comparative Symbolic Analysis of the Ethno-Fusion Genre: Insights and Perspectives.** In *SEEU Review*, 19(1), pp. 65-80. 2024.
- Misini, Arta ; Kadriu, Arbana; Canhasi, Ercan **Authorship classification techniques: Bridging textual domains and languages.** In *International Journal on Information Technologies and Security*. Vol.16 , No.1, pp. 27-38. 2024.
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- Mydyti, Hyrmet ; Kadriu, Arbana; Pejich-Bach, Mirjana **Improve Decision-Making: Case Study of A Recommendation System Development.** In *Organizacija*, 56(2), pp. 138-154. 2023.
- Kamberaj, Valton ; Kadriu, Arbana; Besimi, Nuhi **Instruments Music Composition in Different Genres and Techniques Using AI: A Review.** International Scientific Conference on Business and Economics. Cham: Springer Nature Switzerland, Tetove, 2023.
- Misini, Arta ; Kadriu, Arbana; Canhasu, Ercan **A3C: Albanian Authorship Attribution Corpus.** In International Scientific Conference on Business and Economics (pp. 755-763). Cham: Springer Nature Switzerland., Tetove, 2023.
- Rista, Amarildo; Kadriu, Arbana **A Model for Albanian Speech Recognition Using End-to-End Deep Learning Techniques.** In *Interdisciplinary Journal of Research and Development*, pp. 1-10. 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.
- Misini, Arta; Kadriu, Arbana; Canhasi, Ercan **A Survey on Authorship Analysis Tasks and Techniques.** In *SEEU Review*, Volume 17 (2022) - Edition 2 (December 2022), pp. 153 - 167. 2022.
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- Rista, Amarildo; Kadriu, Arbana; **End-to-End Speech Recognition Model Based on Deep Learning for Albanian.** In 44th International Convention on Information, Communication and Electronic Technology (MIPRO). IEEE, Opatija, Croatia, 2021.
- Rista, Amarildo; Kadriu, Arbana; **CASR: A Corpus for Albanian Speech Recognition.** In 44th International Convention on Information, Communication and Electronic Technology (MIPRO). IEEE, Opatija, Croatia, 2021.

- Abazi-Bexheti, Lejla; Kadriu, Arbana; Apostolova, Marika; **Word Cloud Analytics of the Computer Science Research Publications' Titles over the Past Half Century**. MIPRO 2020, 2020.
- Kadriu, Arbana; Sahatqija, Kosovare; **Using Bibliometric Analysis to Measure and Understand the Gender Gap in Published Computing Books: Gender Gap in Computer Science**. In *International Journal of E-Services and Mobile Applications (IJESMA) 13(1)*, pp. 31-44. IGI Global,. 2020.
- Kadriu, Arbana; Abazi, Lejla; Abazi, Hyrije; **Albanian Text Classification: Bag of Words Model and Word Analogies**. In *Business Systems Research, Vol. 10, No. 1, 2019*, pp. 74-87. 2019.
- Kadriu, Arbana; Abazi, Lejla; Abazi, Hyrije; Ramadani, Veland; **Investigating Trends in Learning Programming using YouTube Tutorials** . In *International Journal of Learning and Change*. 2019.
- Kadriu, Arbana; **Building an annotated corpus for Albanian using bilingual projections and regular expressions**. In *International Journal of Knowledge Engineering and Data Mining, Vol.6 No.2, Inderscience Publishers*, pp. 105 - 121. 2019.
- Abazi-Bexheti, Lejla; Kadriu, Arbana; Apostolova, Marika; **Investigating Gender Gap in Computer Science Research Community**. MIPRO 2019, Opatija, 2019.
- Sahatqija, Kosovare; Kadriu, Arbana; **Exploring Gender Role in Co-authorship Networks for Computing Books: A case study in DBLP**. ENTEnterprise REsearch InNOVation Conference - ENTRENOVA, Rovinj, Croatia. 9 / 2019, Rovinj, 2019.
- Kadriu, Arbana; Abazi, Lejla; **Java: Hyrje në programimin e orientuar në objekte**. Tetovo, 2018.
- Kadriu, Arbana; Haliti, Nusret; **A business perspective on internet of things**. ENTRENOVA 2018, Split, Croatia, 2018.
- Abazi, Lejla; Kadriu, Arbana; Apostolova, Marika; Jajaga, Edmond; Abazi, Hyrije; **LMS Solution: Evidence of Google Classroom Usage in Higher Education**. In *Business Systems Research, Vol. 9 No. 1, 2018*, pp. 31-43. 2018.
- Haliti, Nusret; Kadriu, Arbana; Jusufi, Mensur; **An approach for speed limit determination for vehicle tracking in case of GID ambiguity and lack of information in navigation maps**. In *International Journal of Pervasive Computing and Communications*, pp. 252-263. 2017.
- Abazi, Lejla; Kadriu, Arbana; Apostolova, Marika; **Quantitative structured literature review of research on e-Learning**. MIPRO 2017, Opatija, 2017.
- Abazi, Lejla; Abazi, Hyrije; Jajage, Edmond; Kadriu, Arbana; Apostolova, Marika; **A Google Classroom-based Learning Management System: Empirical Evidence from SEEU**. ENTRENOVA , Dubrovnik, Croatia, 2017.
- Kadriu, Arbana; Abazi, Lejla; **A comparison of algorithms for text classification of Albanian news articles**. ENTRENOVA , Dubrovnik, Croatia, 2017.
- Abazi, Lejla; Kadriu, Arbana; Apostolova, Marika; **Self learning trends in the field of introductory programming**. MIPRO 2018, Opatija, Croatia, 2017.
- Abazi, Lejla; Kadriu, Arbana; Apostolova, Marika; **Migration from in-House LMS to Google Classroom: Case of SEEU**. MIPRO 2016, Opatija, 2016.

Work Experience

- **May 2019 - Present : Full Professor**
SEEU, Tetove, North Macedonia
Type of business or sector: Education and Research
Main responsibilities: Master Courses - "Social Network Analysis", "Object Oriented Design and Programming", "Web Engineering", "Information Retrieval", "Logic & Functional Programming", "Research Methodologies"; PhD

Course - "Advanced topics in the field of ICT"

- **Sep 2021 - Feb 2023: Dean, Faculty of Contemporary Sciences and Technologies**
South East European University
Type of business or sector: Education and Research
- **Mar 2021 - Aug 2021: Acting Dean, Faculty of Contemporary Sciences and Technologies**
South East European University
Type of business or sector: Education and Research
- **Nov 2013 - May 2019: Assoc. Prof.**
SEEU, Tetove, North Macedonia
Type of business or sector: Education and Research
Main responsibilities: Master Courses - "Laboratory Course in Database Programming", "Object Oriented Design and Programming", "E-learning 2.0 - Theory and Practice", "Information Retrieval"
- **Nov 2008 - Nov 2013: Assist. Prof.**
SEEU, Tetove, Macedonia
Type of business or sector: Education and Research
Main responsibilities: Master Courses - "Information Retrieval", "Natural Language Processing", "Software Project and Management", "Software Analysis and Design", "Programming Paradigms", "Strategic IT Management", "Social and Information Network Analysis", "Distributed Systems"
- **2002 - 2008: Assistant**
SEEU, Tetove, North Macedonia
Type of business or sector: Education and Research
Main responsibilities: Bachelor Courses - "Programming 1", "Programming 2", "Multimedia Systems"
- **2004 - 2005: Director of Computer Center**
SEEU, Tetove, North Macedonia
Type of business or sector: Education and Research
- **2002 - 2004: Deputy Director of Computer Center**
SEEU, Tetove, North Macedonia
Type of business or sector: Education and Research
- **2001 - 2003: IT Lecturer**
SEEU, Tetove, North Macedonia
Type of business or sector: Education and Research
- **1998 - 2001: Lecturer**
State University of Tetova, Tetove, North Macedonia
Type of business or sector: Education and Research
Main responsibilities: Bachelor Courses - "Numerical analysis", "Programming Languages"
- **Apr 1998 - Nov 1998: Programmer**
EVT WIEN Skopje, Skopje, North Macedonia
Type of business or sector: Business