

Europass Curriculum Vitae

Personal Information

Name: Miodrag Cekikj

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Nationality: Macedonian

Date of Birth: 15th of May 1989

Gender: Male

Academic Title: Assistant Professor (Docent)

Work Experience

- Founder, Adopt Intelligence, Skopje, North Macedonia (March 2025 - present)
- Leading Expert, LearnAI Lab (Avenga Academy), Skopje, North Macedonia (April 2025 - present)
- Lead Technical Consultant - R&D, IWConnect, Skopje, North Macedonia (April 2023 - May 2025)
- Technical Consultant, squareONE Marketing & Advertising (RealityCheck platform), Skopje, North Macedonia (January 2023 - October 2023)
- Head of IT Department, squareONE Marketing & Advertising, Skopje, North Macedonia (January 2019 - January 2023)
- Technical Lead, Softelligence, Skopje, North Macedonia (September 2022 - April 2023)
- Technical Lead, Seavus (Microsoft Technologies Division), Skopje, North Macedonia (March 2022 - September 2022)
- Senior Full Stack Web Developer, Seavus, Skopje, North Macedonia (December 2018 - March 2022)
- Machine Learning Researcher, Acibadem Universitesi, Istanbul, Turkiye (February 2021 - February 2022)
- Technical Trainer, Seavus Education and Development Center, Skopje, North Macedonia (February 2019 - January 2023)

- Lead Trainer, Seavus Education and Development Center, Skopje, North Macedonia (February 2020 - November 2020)
- Technical Mentor, Seavus Accelerator, Skopje, North Macedonia (October 2021 - November 2022)
- Full Stack Web and Mobile Software Developer, F5 Tech, Skopje, North Macedonia (December 2017 - December 2018)
- Full Stack Web and Mobile Software Developer, Personal Programmer, Skopje, North Macedonia (May 2017 - December 2017)
- Full Stack Web Developer, MTS Macedonia, Skopje, North Macedonia (December 2015 - May 2017)
- Full Stack Developer (Freelance), Skopje, North Macedonia (August 2013 - December 2015)
- Computer System Engineer, Ministry of Internal Affairs, Skopje, North Macedonia (December 2012 - December 2015)
- Database Developer and Administrator, Johnson Controls, Skopje, North Macedonia (July 2011 - September 2011)

Education and Training

- Ph.D. (PhD CSE), Faculty of Computer Science and Engineering, Ss. Cyril and Methodius University in Skopje (December 2022)
- M.Sc. (Intelligent Information Systems), Faculty of Computer Science and Engineering, Ss. Cyril and Methodius University in Skopje (2014)
- B.Sc. (Informatics and Computer Engineering), Faculty of Computer Science and Engineering, Ss. Cyril and Methodius University in Skopje (2008 - 2012)

Scientific and Academic Production

- 8 scientific publications in internationally recognized journals and conferences (1 journal paper in MDPI Applied Sciences and 7 conference papers)
- Research focus: Artificial Intelligence, Machine Learning, Bioinformatics, Data Visualization, and Health Informatics

Teaching Activities

- Teaching and training experience through roles as Technical Trainer and Lead Trainer at Seavus Education and Development Center
- Technical Mentor at Seavus Accelerator (startup mentoring and coaching)

- Capstone Projects Mentor at University American College Skopje (December 2024 - present)
- Leading Expert at LearnAI Lab (Avenga Academy) delivering tailored learning and development for businesses in AI (April 2025 - present)

International Cooperation

- Participant in COST Action CA18131 "Statistical and machine learning techniques in human microbiome studies (ML4Microbiome)" (European Cooperation in Science and Technology)

Publications (Selected)

- Cekikj, M., Jakimovska Ozdemir, M., Kalajdzhiski, S., Ozcan, O., Sezerman, O. U. (2022). Understanding the Role of the Microbiome in Cancer Diagnostics and Therapeutics by Creating and Utilizing ML Models. MDPI Applied Sciences.
- Cekikj, M., Kalajdziski, S., Loskovska, S., Antovski, A. (2018). Visualization of cancer disease data. International Conference ICT Innovations.
- Cekikj, M., Kalajdziski, S., Antovski, A. (2018). Practical application of data visualization techniques. International Conference on Informatics and Information Technologies.
- Cekikj, M., Kalajdziski, S. (2017). Nutrient - Gene - Disease correlation through the understandings of 'omics' technologies. International Conference on Informatics and Information Technologies.
- Cekikj, M., Trajanov, D. (2014). The Mobile Phone As A Sensor. International Conference on Informatics and Information Technologies.
- Hasan, A., Cekikj, M., Domazet, E., Sopi, F. (2025). Intelligent File Classification and Semantic Organization Using Vector Databases and Embedding-Based Retrieval. Emerging Technologies and New Challenges 2025 International Conference, University of Skopje, 11 November 2025, Skopje, North Macedonia.
- Djinevski, L., Arsenovski, S., Cekikj, M., Pehcevski, J. (2024). The Convergence of Artificial Intelligence and Cybersecurity: Macroeconomic Implications. ICON BEST 2024 International Conference for Business, Education, Sport and Tourism (9th International Scientific Congress), University of Skopje, 18 November 2024, Skopje, North Macedonia.
- Rashiti, B., Domazet, E., Cekikj, M., Hasan, A. (2024). AI-Driven Intelligent Cyber Preventive Systems: Integrating Large Language Models for Autonomous Proactive Defense. ICON BEST 2024 International Conference for Business, Education, Sport and Tourism (9th International Scientific Congress), University of Skopje, 18 November 2024, Skopje, North Macedonia.

Language Skills

Language	Understanding	Speaking	Writing
English	Excellent	Excellent	Excellent

Digital Competences

- Microsoft MVP (Most Valuable Professional) for Azure AI Services and Azure AI Studio (July 2024 - present; renewed for 2025)
- Experience with ML and data analysis tooling used in doctoral research (e.g., scikit-learn, KNIME, R)

Additional Information

- Board Member, Macedonian .NET Community (October 2019 - present)
- Contributing Writer, Towards Data Science (September 2021 - present)
- Contributing Writer, AI Advances (November 2023 - present)
- Peer Mentor, Macedonia2025 (December 2024 - June 2025)
- Generative AI business certifications (Integrating Generative AI into Business Strategy; Scaling Generative AI; Generative AI for Business Leaders)