

Europass Curriculum Vitae

Personal Information

First name(s) / Surname: Leonid Djinevski

Nationality: Macedonian

Date of birth: 16 November 1982

Gender: Male

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Email: l.djinevski@utms.edu.mk

Academic Title: PhD in Technical Sciences

Work Experience

2023 – Present

Professor, University Skopje

Sector: Higher Education and Research

Main activities: Teaching courses including Introduction to Programming, Visual Programming, Web Programming, Object-Oriented Programming, High Performance Processing and others.

2012 – 2023

Professor, FON University

Sector: Higher Education and Research

Main activities: Teaching courses including Computer Systems Architecture, Visual Programming, Network Operating Systems, Parallel Processing and others.

2010 – 2012

Research Assistant, Ss. Cyril and Methodius University – Skopje, North Macedonia

Sector: Higher Education and Research

Main activities: Research in parallel processing and network simulation.

2008 – 2010

Research Assistant, Instituto Superior Técnico, Lisbon, Portugal

Main activities: Parallel processing, microelectronics and control systems. Development of bootloaders for microcontrollers in autonomous underwater vehicles. Development of RS-232 interface for laser distance sensors and nonlinear controller for quadrotor drone.

2007

Research Assistant, Carnegie Mellon University, Pittsburgh, USA

Main activities: Image processing and implementation of spiral.net algorithms in JPEG2000.

Professional Experience

2021 – 2024

Lead Project Engineer, Sorsix, Skopje, North Macedonia

Design and development of medical software projects for North Macedonia, Australia and USA. From POC and MVP to production architecture. Azure infrastructure design and implementation. Salesforce API and bulk ETL integration. Integration with SMS, phone, mail and voicemail services. HL7 integration (Iguana). .NET8/Angular web applications. WinForms on-premise applications with OTA updates. CI/CD implementation. Reporting with RDL and PowerBI. ETL processes using SSIS and ADF.

2020 – 2021

Head of Development, Synapse Aviation, Skopje, North Macedonia

Internal .NET/Angular web application with AWS serverless infrastructure (Lambda, S3, Aurora DB, CloudFormation). iOS application developed in Unity3D with OTA updates. ETL processes for decoding and transforming ARINC 424 aeronautical data.

2005

Developer, Unilog, Skopje, North Macedonia

CRM web application development.

Education and Training

2010 – 2013

PhD in Technical Sciences

Ss. Cyril and Methodius University – Faculty of Computer Science and Engineering

National qualification level: VIII

Selected Publications

Djinevski, L. (2024). Analysis of Parallel Multiprocessor Execution of Different Programming Approaches. KNOWLEDGE – International Journal, Vol. 65.

Djinevski, L. (2024). ChatGPT Influence in Work Environment of IT Companies in Macedonia. KNOWLEDGE – International Journal, Vol. 65.

Djinevski, L., Arsenovski, S. (2024). Comparative Overview of Interoperability in Distributed Medical Systems Through Data Exchange Standards. UTMS Journal of Economics, Vol. 15 No. 1 (EBSCO).

Jakimoski, K., et al. (2016). Measurements of Available Bandwidth in Computer Networks. International Journal of Grid and Distributed Computing.

Djinevski, L., et al. (2015). Accelerating Wireless Network Simulation in 3D Terrain Using GPUs. Ad Hoc & Sensor Wireless Networks.