

Evangelos Meklis, Software Engineer

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WORK EXPERIENCE

Software Engineer, July 2022 – Present
NOKIA, Greece

- Developed and optimized 5G software solutions using C, C++, Python, and TCL
- Upgraded 5G simulation software architecture from 32-bit to 64-bit using C++, significantly enhancing efficiency and performance
- Implemented new 3GPP specifications by parsing YAML files and developing essential telecommunication protocols for 5G simulation software
- Built an internal Python library for PCAP file parsing and modification, enhancing security and error detection

Data Science Researcher, Dec 2021 – June 2022
National Technical University of Athens, Greece

- Analyzed diabetes data using Python, producing insights that improved patient outcomes
- Collaborated with a multidisciplinary team to integrate data from various sources, accelerating the data analysis process
- Conducted statistical analysis to identify key factors influencing diabetes management, contributing to the development of targeted intervention strategies
- Contributed to ENDORSE project for BIOSIM Lab, resulting in publication at ATTD 2022

EDUCATION

National Technical University of Athens (NTUA) Aug 2016 – June 2021
Electrical and Computer Engineering (5-year degree with integrated masters) GPA: 8.31/10

PUBLICATIONS

Vasilakis et al. (2022). The ENDORSE feasibility study pilot trial: assessing the implementation of serious games strategy and AI-based telemedicine in glycemic control improvement. 15th ATTD Jan 2022

Thesis research with the title “Deep Learning Techniques for Recognition of motor symptoms in Parkinson's patients”. Developed 3 convolutional neural network architectures in Python for the diagnosis of Parkinson's patients through their handwriting June 2021

CERTIFICATES

Learning Docker, LinkedIn Learning May 2024

Machine Learning, University of Stanford, Coursera Sept 2020

PROJECTS

PeepDB Sep 2024

- Open-Source CLI tool and python library to inspect databases fast.
- Available on Github (280 stars) and PyPI to download

SKILLS

- Programming Languages: C, C++, Python, TCL, HTML, CSS, Node.js, SQL
- Tools, Libraries and other: Git, Docker, Pandas, Scrum, Agile
- Languages: Greek (Native), English (Fluent, C2), French (B2)