

Evangelos Meklis

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WORK EXPERIENCE

Software Engineer, July 2022 – Present
NOKIA, Greece

- Developed and optimized 5G software with C, C++, Python, and TCL, boosting efficiency by 20%.
- Upgraded 5G simulation software from 32-bit to 64-bit using C++, enhancing performance by 30%
- Built a Python library for PCAP file parsing, improving security and error detection by 25%
- Implemented new 3GPP specifications by parsing YAML files and developing key telecom protocols
- Collaborated with cross-functional teams to integrate and rigorously test enhancements, ensuring reliable deployment and smooth system operations

Research Software Engineer, Dec 2021 – June 2022
National Technical University of Athens, Greece

- Analyzed diabetes data using Python, generating insights for better patient outcomes
- Conducted statistical analysis with Pandas to identify key factors in diabetes management, informing interventions
- Contributed to ENDORSE project for BIOSIM Lab, published at ATTD 2022

EDUCATION

National Technical University of Athens (NTUA) Aug 2016 – June 2021

B.S. and M.S., Electrical and Computer Engineering GPA: 8.31/10

- 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 achieving 90% accuracy

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

CERTIFICATES

AI Agents Fundamentals, Hugging Face March 2025
Learning Docker, LinkedIn Learning May 2024
Machine Learning, University of Stanford, Coursera Sept 2020

PROJECTS

DeepDrone July 2025

- Open-Source AI agent to control drones with a local LLM (120 stars)

PeepDB Sep 2024

- Open-Source CLI tool and python library to inspect databases 30% faster.
- Available on Github (490 stars) and PyPI to download

SKILLS

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- Programming Languages: C, C++, Python, SQL, Typescript,
 - Tools: Git, Docker, Jenkins
 - Languages: Greek (Native), English (Fluent, C2), French (B2)