

# Evangelos Meklis

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## WORK EXPERIENCE

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**Software Engineer III (Software Specialist), NOKIA - Athens, Greece** Apr 2026 - Present

**Software Engineer II (Software Developer), NOKIA - Athens, Greece.** Jul 2022 – Mar 2026

- 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%
- Worked with Linux-based ATE/server environments to run and support simulator processes used in testing workflows
- Monitored Linux server processes and system resource usage, using command-line tools such as htop to investigate performance and runtime issues

**Research Data Scientist, NTUA - Athens, Greece** Dec 2021 – Jun 2022

- 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

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

**Diploma in Electrical and Computer Engineering (Integrated Master's degree)**

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

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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

## PROJECTS

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**Hanzifive** Feb 2025

- Open-Source iOS app to study Chinese written in Swift

**MindfulBoo** Dec 2025

- Open-Source iOS Mediation app written in Swift

**DeepDrone** Jul 2025

- Open-Source AI agent to control drones with a local LLM (**160 stars**)

**PeepDB** Sep 2024

- Open-Source CLI tool and python library to inspect databases 30% faster. (**490 stars**)

## SKILLS

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- Programming Languages: C, C++, Python, SQL, Swift
  - Tools: Linux, Git, Docker, Jenkins
  - Languages: Greek (Native), English (Fluent, C2), French (B2), Chinese (HSK2)