

Evangelos Lamprou

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EDUCATION

Master in Computer Science and Engineering

Technical University of Denmark, Denmark

September 2023 - July 2025

MEng in Electrical and Computer Engineering

University of Patras, Greece

October 2018 - July 2023

Overall GPA: 8.48/10 (Top 3%, Graduated 5th)

Major GPA: 9.50/10

Major: Computers (Software and Hardware)

EXPERIENCE

Oticon

Embedded Software Engineer (Part Time)

September 2023

Smørumnedre, Denmark

Discovered and fixed a bug related to *Oticon's* ear-aid charger bootloader memory access settings that allowed bootloader settings to be modified freely in release builds.

Currently implementing a framework for hardware error handling over *Oticon's* entire accessory codebase (over 600k lines of driver code and an in-house built operating system).

Technical University of Denmark

Teaching Assistant

September 2023 - December 2023

Lyngby, Denmark

Teaching assistant for DTU's *Operating Systems* course. Instructor: Prof. Xenofon Fafoutis

University of Patras

Teaching Assistant

September 2022 - October 2023

Patras, Greece

Created programming assignments on developing **Linux Kernel Modules** and experimenting with the **xv6 Kernel** for the *Operating Systems* undergraduate course under the supervision of Prof. Christos Fidas. Exercises have been integrated into the course's curriculum. [\[material\]](#)

EnzyCeuticals PA

Software Engineer & Data Scientist (Internship)

September 2022 - January 2023

Athens, Greece

Used the online *KNAPSAcK* Database and machine learning techniques to identify and group species with specific metabolites for the development of cosmetics and pharmaceuticals.

Setup a parallelized data collection pipeline using Python, Selenium and Bash.

Bionos Biotech S.L (Erasmus+ Placement)

Software Engineer & Data Scientist (Internship)

June 2022 - August 2022

Valencia, Spain

Built robust data processing applications using R and Python which replaced a lot of the researcher's manual processing tasks. Setup a CI/CD and code review pipeline to help with collaboration between the team's software engineers.

PUBLICATIONS

2023

Evangelos Lamprou, Christos Fidas "Investigating Applicability Heuristics of Answer Set Programming in Game Development: Use Cases and Empirical Study" (Accepted at the 2nd International Conference of the ACM Greek SIGCHI Chapter)

[\[paper\]](#) [\[code\]](#)

HONORS & AWARDS

Huawuei "Seeds for the Future" Scholarship

June 2023

Awarded based on academic performance and contribution to the ECE department.

NAM Lab IoT Hackathon

May 2023

Participated solo in [NAM](#) Lab's first IoT Hackathon – 1st Place

IEEE Xtreme 16.0 Competition

October 2022

Team name: "notWizards"

Placed globally at the top 4% among 6373 teams.

Participated at the national [NTUA Hack](#) CTF (Capture the Flag) competition as a two person team.

Ranking: 5th

SELECTED PROJECTS

%seax Search Engine

October 2023

Orbit Assembly Hackathon

Developed a search engine for the Orbit P2P network using the *Hoon* programming language. [\[code\]](#) (*Work in Progress*)

ScummVM (2k+ Github Stars)

February 2023

Open Source Contribution

Developed a generic parser, providing a more robust and easy-to-use interface when dealing with MCI (Media Control Interface) commands inside the *Director* game engine. [\[code\]](#)

zino-engine: A performant 3D Game Engine.

2022

University of Patras

Greece

Developed a graphics engine using C++ and OpenGL. [\[code\]](#)

(Course: Computer Graphics and Virtual Reality, Prof. Konstantinos Moustakas)

vars: A Custom Linux Meta Distribution for Streamlined Workflow

2021

Personal Project

[\[code\]](#).

Gauzarbeit

2021

Personal Project

Created an Online Multi-User-Dungeon Game which supports user modifications through a scripting interface.

Built the base engine using modern C++ and designed the application to be extremely modular applying my interpretation of the Entity Component System design pattern. [\[code\]](#)

VOLUNTEER ACTIVITIES

IEEE Student Branch

June 2022 - June 2023

Computer Society Chapter Chair

Patras, Greece

Responsible for overseeing and coordinating the various scientific group meetings and events. (Total members: 30)

IEEE Student Branch

October 2021 - June 2022

Programming Scientific Group Coordinator

Patras, Greece

Coordinated weekly educational meetings (20 in total) on technical topics. [\[material\]](#)

Coordinated individual projects for a team of over fifteen (15) students.

LANGUAGES

Greek (native speaker)

English (extremely fluent) [IELTS Band 8.5 (taken 15th January 2023)]

German (beginner)

REFERENCES

Christos Fidas

ECE Department

University of Patras

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