

Evangelos Lamprou

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PERSONAL

Birth date: 30th of October 2000

Nationality: Greek

Place of Birth: Athens, Greece

EDUCATION

Integrated Master in Electrical and Computer Engineering (300 ECTS)

University of Patras, Greece

October 2018 – July 2023 (Expected)

Expected GPA: 8.4/10

Specialization: Computers (Software and Hardware)

WORK EXPERIENCE

EnzyCeuticals PA

September 2023 – January 2023

Software Engineer & Data Scientist

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.

Bionos Biotech S.L (Erasmus+ Placement)

June 2022 – August 2022

Software Engineer & Data Scientist

Valencia, Spain

Built robust data processing applications using R and Python which replaced a lot of the researcher's manual processing tasks.

Deployed the applications on the company's servers and allowed for secure remote administration.

Setup a CI/CD pipeline to help with collaboration with the other software engineers.

TEACHING EXPERIENCE

University of Patras

September 2022 - ongoing

Assistant

Patras, Greece

Created programming assignments on developing *Linux Kernel Modules* for the *Operating Systems* undergraduate course under the supervision of Professor Christos Fidas. Exercises were given as homework to the 4th and 5th year students enrolled in the class.

PROJECTS & COMPETITIONS

ScummVM (2k+ Github Stars)

February 2023 – ongoing

Open Source Contribution

Developed a generic parser, providing a more robust and easy to use API when dealing with MCI commands in one of the project's engines.

My code was reviewed, tested and finally merged with the project.

NTUA Hack

November 2022

Participated at the national [NTUA Hack](#) CTF (Capture the Flag) competition as a two person team.
Problems required knowledge on topics such as reverse engineering, cryptography and vulnerability exploitation.
Team Ranking: 5th

IEEE Xtreme 16.0 Competition

October 2022

Developed solutions to algorithmic programming challenges during the 24h competition. Team name: “notWizards”
Placed globally at the top 10% among 3000 teams.

zino-engine: A performant 3D Game Engine.

2022

University of Patras

Greece

Developed a graphics engine and a 3D Pokèmon-like game using C++ and OpenGL.

[Git repository link.](#)

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

Building and Managing a Home Lab

2022 – ongoing

Personal Project

[Git repository link.](#)

Gauzarbeit

2021 – ongoing

Personal Project

[Git repository link.](#)

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.

PUBLICATIONS

2023

Evangelos Lamprou, Ioanna Gemou “Exploring Plant Metabolites for Medicine and Cosmetics using Publicly Available Data and Machine Learning” (In Preparation)

VOLUNTEER ACTIVITIES

IEEE Student Branch

September 2021 – ongoing

Computer Society Chapter Chair

Patras, Greece

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

Took the initiative of expanding the interests of the team, adding topics relating to telecommunications, a subject that was previously underrepresented.

IEEE Student Branch

October 2020 – September 2021

Programming Scientific Group Coordinator

Patras, Greece

Gave weekly educational lectures (20 in total) on [technical topics](#).

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

Radio KoL

May 2016 – September 2017

DJ

Held a position as a DJ on the volunteer online radio station [Radio KoL](#).

Candy Box 2

May 2015 – May 2016

Translator

Translated the online browser game [Candy Box 2](#) to modern greek.

LANGUAGES

Greek (native speaker)
English (extremely fluent)
German (beginner)

HOBBIES

Music Production – You can find some of my work on my [Soundcloud](#) page.

Capture the Flag (CTF) Challenges – In my spare time, I enjoy participating in Capture the Flag competitions.
Favorite categories: Forensics, Reverse