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)
Current GPA: 8.23/10
Specialization: Computers (Software and Hardware)
Diploma Thesis: Incorporating Answer Set Programming into Game Development (Supervisor: Prof. Christos Fidas)

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.

IEEE Student Branch   October 2020 – September 2021
Programming Scientific Group Coordinator   *Patras, Greece*

Gave weekly educational lectures on technical topics.
Coordinated individual projects for a team of over fifteen (15) students.

WORK EXPERIENCE

Bionos Biotech S.L (Erasmus+ Placement)   July 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.

Upgraded the company's volunteer management infrastructure using statistical methods which led to a faster volunteer selection pipeline.

EnzyCeuticals PA   September 2022 – December 2022
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.

PROJECTS & COMPETITIONS

NTUA Hack   November 2022

Participated at the national NTUA Hack CTF (Capture the Flag) competition as a two person team.
Team Ranking: 5th

IEEE Xtreme 16.0 Competition   October 2022

Developed solutions to programming challenges during the 24h competition. Team name: "notWizards"
Team's Greece Ranking: 12th

Design and Implementation of an Equalizer VST Plugin
University of Patras

2022
Greece

(Course: Digital Sound Technology, Prof. Ioannis Mourtzopoulos)

Optimizing Task Assignment using Linear Programming
University of Patras

2022
Greece

(Course: Linear and Combinatorial Optimization, Prof. Sofia Daskalaki)

Building and Managing a Home Lab
Personal Project

2022 – ongoing

Git repository link.

vars: A Custom Linux Meta Distribution for Streamlined Workflow
Personal Project

2021 – ongoing

Git repository link.

Gauzarbeit
Personal Project

2021 – ongoing

Git repository link.

Created an Online Multi-User-Dungeon Game which supports user modifications through a documented 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

2022

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

VOLUNTEER ACTIVITIES

IEEE Student Branch
Computer Society Chapter Chair

September 2021 – ongoing
Patras, Greece

Responsible for overseeing the various scientific group meetings.

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

Radio KoL
DJ

May 2016 – September 2017

Held a position as a DJ on the volunteer online radio station Radio KoL.

Candy Box 2
Translator

May 2015 – May 2016

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

Tennis – I enjoy playing tennis on a weekly basis at my University's courts.