

Manousos Linardakis

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EXPERIENCE

Harokopio University, Athens — *Cyber-Physical Systems Management*

JUNE 2023 - PRESENT

Management and oversight of laboratory facilities at Harokopio University, improving the Harokopio University website, implementing DevOps practices, web development, and systems administration.

Google Summer of Code, Athens — *Open Source Developer*

JUNE 2023 - AUGUST 2023

Created a web simulator for the open-source project FOSSbot. View my project [here](#).

GFOSS, Athens — *FOSSbot Simulation Developer*

AUGUST 2022 - OCTOBER 2022

Created a desktop simulator for the open-source project FOSSbot. View my contributions [here](#).

PANAGIOTIDIS & CO, Athens — *Decision Support Software Developer*

FEBRUARY 2022 - MARCH 2022

Created Python applications for mechanical decision support and performed file maintenance.

Unity, Athens — *Game Developer*

JULY 2022 - AUGUST 2022

Developed the [“Panda Warrior” Game](#) which got 1st place in the “Unity Showcase of August 2021”.

EDUCATION

Harokopio University, Athens — *BSc, Informatics and Telematics*

SEPTEMBER 2020 - PRESENT

Total Grade Average: 9.48 / 10

SKILLS

Python, Java, Robotics, IoT, Electronics, C, C#, Oracle, PostgreSQL, HTML, CSS, JavaScript, Linux, Android, Lua, Godot, Unity, Django, Spring Boot, Ansible, Flask, SocketIO, NodeRED, Docker, OpenCV, SQLite, NodeJS

AWARDS

[Google Summer of Code](#)

[Contributor](#) – successfully completed my Google Summer of Code 2023 Project.

[Selected for European Electronics Summer School](#)

out of 350 applicants, joining a group of 40 students from the EU.

[1st Place in PHYSICS](#)

[Hackathon](#) – secured the 1st place in the B.Sc track of “2nd PHYSICS Hackathon 2023”.

[1st Place in “Unity Showcase of August 2021”](#)

– created the “Panda Warrior” Game which got 1st place.

Erasmios Ellinogermaniki School, Athens — *High School*

GRADUATION: JUNE 2020

Total Grade Average: 19.5 / 20

LANGUAGES

English (Proficiency), German (C1), Greek

PROJECTS

[FOSSbot Web Simulator](#) — *Google Summer of Code Project*

Created a web simulator for the open-source project FOSSbot.

[Driver Sleep & Distraction Detector App](#) — *TEACHING H2o2o Hackathon*

Developed an innovative Driver Sleep & Distraction Detector that uses Python, OpenCV and Docker to ensure road safety. This app is also deployed on a Raspberry Pi with camera support, making it versatile for diverse applications.

[Smart City App](#) — *PHYSICS Hackathon 2023*

A smart city app developed using Node-RED, provides extensive insights into cities worldwide, including current climate conditions, a 7-day weather forecast, city rankings across various attributes, and more. Notably, our joint creation secured the 1st prize at the [2nd PHYSICS Hackathon 2023](#).

[Arduino Bluetooth Controlled Car](#) — *NTUA Researchers' Night*

This Arduino Car is equipped with an ultrasonic sensor for obstacle detection and three line sensors for line following. In addition, an Android application was developed to control the Robot-Car. This project was also presented in the NTUA Researchers' Night.

[FOSSbot Simulation](#) — *GFOSS*

Created a desktop simulator for the open-source project FOSSbot.

[Panda Warrior Game](#) — *Unity*

Developed the "Panda Warrior" Game which got 1st place in the "Unity Showcase of August 2021".