George Xenofontos

xenofontosgiorgos@gmail.com 54635, Thessaloniki, Greece

Work Experience

R&D Engineer intern, *SignalGeneriX*

07-08/2023

- **Worked on Arduino, ESP32, and STM32 for different small projects**
- **Worked on RF and communication protocols (ISP, I2C, CAN bus)**
- **Worked on PCB design (basics)**

Special Scientist intern in Software Engineering, *KIOS Research and Innovation CoE*

07-09/22

- **Scripts in Python to help the process of projects**
- **Used data in QGIS to create a digital twin**

Project Manager, *AIESEC in Greece* (Volunteering)

01-06/22

- **Organized a whole event about CV, Interviews, Public Speaking (LinkedIn post)**
- **Awarded member of semester for my management and proffesional skills**

Education

Integrated Master's in Information and Electronics Engineering

International Hellenic University of Thessaloniki

2019-2024

- Mentor 2 years: help fellow collage students with guidance, lectures, and labs. Mostly tutoring in C programming.
- Participate in team of Implementation of Digital and Analog Circuits as a leader
- Thesis: Seismic Activity Detection with ESP32 Microcontroller and TinyML

Projects

PDM - Plant Development Monitoring (2023)

- Armed with ESP32, moisture sensors for both the soil and environment, temperature sensors, a Solar panel, and a water pump, we set out to create some serious plant magic.
- Curious to see our green thumb work in action? Check out our project at the university's tech exhibition by clicking the title.

Plant Auto-Irrigation (2022)

- Project publication which I presnted at EEITE conference 2023 in Chania.
- Arduino used for moisture level detection of mint plant and stops when it reach on programmed level.
- Take a look on the report by tap on the title of the project.