



George Xenofontos



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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



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

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)

- As the project manager, I gathered my team and split them into three squads: Hardware, IoT, and Software development.
- 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)

- Personal project 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.
- Research on plants and sensors.
- Take a look on the report by tap on the title of the project.