



# 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)
- Learned the basics of PCB design



### Special Scientist 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

### BEng, Information and Electronics Engineering

International Hellenic University of Thessaloniki

📅 2019-2024

- Mentoring on fellow collage students with guidance, notes, and lecture
- Participate in team of Implementation of Digital and Analog Circuits
- This year I start with my thesis that I reccomended "Seismic Activity Detection with ESP32 Microcontroller and using TinyML"

## Projects

### PDM - Plant Development Monitoring (2023)

- I created a team as a project manager to learn how to collaborate and new ways of getting organized.
- I used ESP32, moisture sensor of the soil and environment, temperature of soil and environment, Solar panel, water pump. Also separated the team into three subteams: Hardware, IoT, and Software development.
- Take a look on the represntation of the project at university's tech echibition by tap on 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.