




IASONAS KAKANDRIS

 ikakandris@gmail.com

 [website](#)

 [@Iasonas Kakandris](#)

 [jason_k](#), [jason kakandris](#)

EDUCATIONAL HISTORY

Aristotle University of Thessaloniki (AUTH)

Dipl. Electrical and Computer Engineer, MEng. (currently in 5th year)

Sept 19

- Indicative courses: Computer Architecture, Object-Oriented Programming , Electronics , System and Signals , Telecommunication systems , Software engineering

PROJECTS

CrisisMapper

- Developed a comprehensive world disasters application using SQL for backend database management and Angular for frontend development.
- Collaborated with team members to gather requirements, design the system architecture, and implement key functionalities.

Neural Networks

- Creation of a multilayer perceptron, different types of SVM, and rbf neural network and comparison to knn neighbors and Centroid algorithms using Python

UART in Verilog

- Implementation of Sender-Receiver System in Verilog using UART Protocol and Display on Four 7-Segment LED Display

Arduino project for kitchen protection

- Developed an Arduino-based project aimed at enhancing kitchen safety and security.
- Designed and prototyped a system to detect and prevent potential hazards, such as gas leaks or fire outbreaks.
- Implemented sensors and actuators for monitoring environmental conditions and triggering appropriate responses.

EXPERIENCE

Software Engineer at SpaceDot

Nov 2021 - Present

- Developed and maintained the user interface of the space system in Angular and built the necessary tools to receive and transmit data from and to the satellite
- Created and organized the frontend training of the sub-system to integrate the new members more easily
- Dockerized the application to streamline deployment and scalability, optimizing resource utilization and enhancing system reliability.
- Conducted technical interviews for prospective team members, evaluating their skills and suitability for various roles within the project.
- Authored comprehensive documentation for spacecraft operation and the accompanying application, enhancing knowledge sharing and team collaboration
- Played a key role in public relations (PR) and fundraising (FR) activities, including event planning and sponsor communication

TRAININGS

Cubesat Hands-on Training Week 2022

- Hands-on experience with CubeSats and application of theoretical knowledge obtained from classroom lectures

Automatic Control of Aerospace Systems

- Theoretical and practical information about the automatic control systems used in aerospace engineering

PROGRAMMING SKILLS

C ,C++, Java ,Python, MIPS, Matlab, Verilog , HTML , Javascript , CSS , Angular

VOLUNTEERING EXPERIENCE

Member of EESTEC LC Thessaloniki

2019 | PR member Feb 2021

- PR member: Creating content for the social accounts of the organisation (e.g instagram, web-page etc)

LANGUAGES

Greek (native) English (C2) German (B1) Italian (B2)