

# Iasonas Kakandris

Thessaloniki Greece | [Email](#) | [Website](#) | [LinkedIn](#) | [GitHub](#)

## Education

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**Aristotle University of Thessaloniki (AUTH)**, Thessaloniki, Greece Sept 2019 – Present  
BSc & MSc in Electrical and Computer Engineering (5-year joint degree; 300 ECTS)  
• **Grade:** 7.91/10  
• **Concentration:** Electronics and Computers  
• **Relevant Coursework:** Computer Architecture, Object-Oriented Programming, Data Structures, Algorithms Analysis and Design, Neural Networks - Deep Learning, Signals and Systems, Software Engineering I & II  
**Nationwide University Entrance Examination score:** 18.040/ 20.000 June 2019

## Professional, Research, and Volunteering Experience

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**Software Engineer**, SpaceDot Nov 2021 – Present  
• Developed and maintained the Angular-based UI for satellite data transmission systems.  
• Conducted technical interviews and trained new members in frontend development, reducing onboarding time  
• Collaborated on cross-functional teams to design and implement features.  
• Dockerized the application, ensuring seamless deployment and functionality across different PCs and environments.  
**Software Engineer Intern**, Technology Without Borders July 2024 – Sept 2024  
• Created customized B2B apps using Microsoft PowerApps.  
• Developed an event management app using Flutter and Dart with real-time tracking and cloud integration.  
• Built a Chrome extension using Plasmo and Firebase for reminders.

## Projects

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**CrisisMapper:** Built a disaster mapping tool using SQL and Angular, centralizing critical disaster information for improved accessibility and decision-making  
**Neural Networks:** Developed and compared different neural network models (SVM, MLP, RBF) in Python  
**UART in Verilog:** Implementation of Sender-Receiver System in Verilog using UART Protocol and Display on Four 7-Segment LED Display  
**KithcenGuard:** Developed an Arduino-based project aimed at enhancing kitchen safety and security.

## Licenses and Cerifications

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<b>Cubesat Hands-on Training Week 2022</b>	European Space Agency
<b>Automatic Control of Aerospace Systems</b>	Delft University of Technology
<b>Basic Life Support for Healthcare and Public Safety</b>	European Resuscitation Council

## Skills

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**Languages:** Python, C++, Java, TypeScript, Dart, C, JavaScript  
**Software tools:** Angular, Flutter, PowerApps, Firebase, SQL, Verilog, Git

## Societies and Affiliations

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EESTEC LC Thessaloniki, PR member, 2020-2021  
Mensa – Member

## Languages

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Greek (Native), English (C2), German (B1), Italian (B2)