PANTELEIMON GAVALAS
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OBJECTIVE

Aspiring software engineer with solid foundation in Computer Engineering. Eager to transition into a software engineering role, leveraging strong analytical skills, hands-on experience with programming languages, and a deep understanding of complex systems. Actively enhancing software development expertise through continuous learning and project-based applications.

EDUCATION

09/2014 – 07/2017	**3rd Lyceum of Nea Ionia – Athens, Greece**
	Apolytirion 18.1 / 20

09/2017 – 09/2022	**National Technical University of Athens (NTUA) – Athens, Greece**
	Integrated Master's Degree in Electrical and Computer Engineering GPA: 9.05/10

Relevant Coursework:	Programming Languages
	Algorithms and Complexity
	Software Engineering
	Databases
	Computer Programming
	Foundations of Computer Science
Honors and Awards:	Iro Georgitsi 's Scholarship for Academic Excellence

SKILLS

Programming Languages:	Python, C++, C, Java, JavaScript, SQL, MATLAB
Web Development:	HTML, CSS, JavaScript
Software Development Tools:	Visual Studio, PyCharm, Eclipse, MySQL Workbench, Git
Operating Systems:	Windows 10/11, Linux Debian, Ubuntu, Fedora

Languages:	Greek (Native Proficiency), English (Full professional Proficiency), Spanish (Professional working Proficiency), German (Elementary Proficiency – currently studying)

PROJECTS

Supermarket Management Web Application:
Team Project for University coursework
Tools & Technologies: Python (Django), JavaScript (React), MySQL, HTML/CSS

Developed a full-stack web application for supermarket administration. The application allowed for comprehensive management of supermarket data including stores, employees, customers and products.

Electric Vehicle Charging Management System:
Team Project for University coursework
Tools & Technologies: Python (Django), JavaScript (React), MySQL, HTML/CSS

Created a full-stack web application to manage and monitor electric vehicle charging. The system served dual functionality, both for energy distributors as well electric vehicle owners.

Automated Testing Scripts:
Personal Project
Tools & Technologies: Python, MATLAB

Developed automated scripts for testing and validating integrated circuits during my work as an IC Test Engineer. These scripts reduced manual testing time by 40%.

WORKING EXPERIENCE

04/2023 – Present	**Infineon Technologies, Villach, Austria**
	Senior Test Engineer
	Conducted comprehensive testing and validation of automotive smart power ICs.
	Developed and optimized test strategies to ensure functionality and reliability of ICs, leveraging software tools for automation.
	Collaborated with cross-functional teams to address software and hardware integration issues.
11/2021 – 02/2023	**Infineon Technologies, Villach, Austria**
	Radio Frequency Design Engineer (Master's Thesis)
	Designed and tested RF ICs in the Department of Radio Frequency and Sensors.

Utilized advanced simulation tools to model circuit behavior and optimize performance.

Applied programming skills to develop scripts for automating simulation and testing processes.

CERTIFICATIONS & LEARNING

LinkedIn Learning Courses (ongoing):   Software Development Foundations
Algorithms and Data Structures
Advanced Python Programming
JavaScript Essential Training

SEMINARS & CONFERENCES

April 2022	**The MathWorks – RF System Design Seminar**
October 2022	**Austrochip 2022 Conference – Paper Presentation**

ADDITIONAL EXPERIENCE

Volunteering: Reforestation actions at Parnitha (2015)
Reforestation actions at Hymettus (2018)

Activities: 70th Panhellenic Mathematics Competition from Hellenic Mathematical Society (2010)
71st Panhellenic Mathematics Competition from Hellenic Mathematical Society (2011)
27th Panhellenic Physics Competition from Hellenic Physics Union (2016)
14th European Union Science Olympiad (EUSO) (2016)