

Kapsis Ilias

Computer Science Student

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Personal Profile

I have a strong academic background and practical experience in Computer Science. I'm confident in my programming skills and enjoy problem-solving. I'm eager to work in a collaborative team setting where I can contribute effectively and keep learning. I'm excited about gaining valuable experience and making meaningful contributions to projects.

Education

University of Crete

Heraklion, Greece

Computer Science

Sept 2020 - Current

- **Courses:** Data Structures, Computer Architectures, Object Oriented Programming, Software Engineering, Web Development, Discrete Maths, Calculus, Linear Algebra, Compilers and Virtual Machines, Computer Networking, Servers and Databases, Programming Lab, Computer Graphics, Algorithms and Complexity and more

High School of Gazi

Gazi, Greece

High School

Sept 2017 - Jun 2020

- Passed with Distinction , 19.0/20

Work Experience

Maria Caffè

Palaiokastro, Greece

Waiter

Summer Periods 2021-2023

- Proven to be able to be part of a team, and communicate effectively with coworkers.
- I have a proven track record of effectively handling customers, communicating clearly, and consistently demonstrating kindness and empathy in all interactions
- I consistently followed clear instructions provided by supervisors with diligence and precision
- I excel in environments with high pressure, demonstrating my ability to remain calm, focused, and productive while delivering results efficiently.
- **Soft Skills:** Teamwork, Time Management, Communication, Presentation skills, Stress Management, Adaptability, Resilience, Customer Service Skills.

University Projects

Created Compiler and Virtual Machine

Heraklion, Greece

University of Crete

Feb 2023 - May 2023

- Developed a compiler and a Virtual Machine for a new programming language called Alpha .
- Studied the theory and logic behind programming languages. Used different techniques and APIs to create the compiler.
- **Technical Skills:** C, Linux, Yacc, Bison, Makefile.
- **Soft Skills:** Time Management, Teamwork, Presentation skills, Report writing, Logical Thinking, Problem Solving.

Java Application with Database

Heraklion, Greece

University of Crete

Dec 2023- Jan 2024

- Created a full-blown application for a car rental page where clients can rent different vehicles for specific periods of time. Fully working, with a SQL database for the backend.
- **Technical Skills:** Java, Java Swing, SQL.
- **Soft Skills:** Presentation skills, Time Management, Teamwork, Logical Thinking, Problem Solving, Creativity.

Implementation of TCP protocol

Heraklion, Greece

University of Crete

Dec 2023 - Jan 2024

- Developed my own implementation of the TCP protocol.
- Studied Computer Networking, and understood the purpose of the Transport Layer.
- **Technical Skills:** C, Linux.
- **Soft Skills:** Logical Thinking, Problem Solving, Time Management, Leadership skills.

Implementing Custom Scheduling Policy

Heraklion, Greece

University of Crete

Dec 2023

- Implemented my own scheduling policy named Group Fair Scheduling. Tweaked the Linux kernel and its scheduler accordingly.
- **Technical Skills:** Linux, C, Operating Systems
- **Soft Skills:** Time Management, Teamwork, Problem Solving, Critical Thinking.

- Developed a full-blown website where Students could register to and then find available books that they want to borrow from libraries near them.
- **Technical Skills:** Java, Java Servlets/ JDBC, HTML/CSS, SQL, JavaScript
- **Soft Skills:** Time Management, Problem Solving, Team Work, Patience.

Skills

Programming Python, C, C++, Java, SQL, HTML/CSS, JavaScript. PHP, Java Servlets, Unity

Miscellaneous Linux, Shell (Bash/Zsh), Microsoft Office, Git.

Soft Skills Time Management, Teamwork, Problem-solving, Documentation, Engaging Presentation, Leadership, Critical Thinking, Patience, Creativity .

Interests

Sports I love Sports. I am an active person who loves going outdoors and playing different Sports. My favorite ones are football and basketball and I go to the gym frequently.

Music I love listening to Music and discovering new albums. In the future, I would love to learn how to play an instrument.

Programming Even though it's my job I love to program in my free time when I find enough time. I like starting small projects.

Cars I love cars , but moreover i love driving them. I enjoy going for a ride with my car after a tiring day.

Video Games I always had the gaming gene. I don't play as much anymore though.

Languages

Greek Native proficiency

English Professional proficiency

Italian A2 Level - Actively learning