Charalampos Piotopoulos

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SUMMARY

I am a Computer Science student @ the Technical University of Munich.
I am always trying to evolve and learn new things by working hard and seeking new challenges.
I am passionate about Programming, Technology, Science, Medicine and Space.

EDUCATION

Bachelor of Science in Computer Science
Minor in Medicine (Application Subject) · Technical University of Munich · Munich, DE · 2024

Medicine (not completed)
Universität des Saarlandes · Saarland, DE · 2021 · Successfully completed courses: Chemistry, Clinical Chemistry, Biology, Clinical Biology, Physics, Anatomy, Biochemistry, Histology, Physiology, Clinical Physiology, Medical Terminology, Psychology, Sociology and Clinical Medicine

Allgemeine Hochschulreife
Deutsche Schule Athen · Athens, GR · 2018 · 1.2

CERTIFICATIONS

CS50
Harvard University · 2023
- Certified in the completion of the CS50 Course by Harvard University. Acquired knowledge in C, Python , Algorithms and Data Structures, SQL, HTML, CSS, Javascript and Flask

LOOPx: Lernen objekt-orientierter Programmierung
edX - TUMx · 2021
- Certified in the basic knowledge of Object Oriented Programming

Learn Python 3
codecademy · 2020
- Certified in the knowledge of the programming language Python 3

First Aid
Deutsches Rotes Kreuz e.V. | German Red Cross · 2020
- Certified in first aid techniques

COURSEWORK

Basic Practical Course: Computer Architecture
Technical University of Munich · 2022 · C, Teamwork, Computer Architecture
- Implemented a project in a team written in C with different optimization tactics, following best practices about memory management and implementation.

IT Security
Technical University of Munich · 2022 · Python, Teamwork
- Learned the different levels and aspects of IT Security, including vulnerabilities and how to protect against their exploitation

Introduction to Software Engineering
Technical University of Munich · 2022 · Teamwork, Agile Software Development, UML, Scrum
- Learned the full process of creating a project as a Software Engineer from planning to designing to implementing and presenting, as well as dealing with changes in the requirements.

Fundamentals of Algorithms and Data Structures
Technical University of Munich · 2022 · Java, Data Structures, Algorithms
- Implemented and learned about different Data Structures and Algorithms

Fundamentals of Databases
Technical University of Munich · 2022 · SQL
- Learned the different aspects of Databases and the SQL Language

Grundlagenpraktikum: Programmierung - Basic practical course: Programming
Technical University of Munich · 2021 · Java
- Created solutions for small projects, ranging from beginner to advanced, written in Java

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SKILLS

Programming: Java, C, Python, MySQL, OCaml, Javascript/ Typescript, React, CSS, HTML, MatLab

General: Agile Methodologies, Scrum, UML, Git, LaTeX, Computer Architecture, Team work, Problem Solving, Communication

Languages: Greek, German, English, French(B2), Italian(A2)