Kimon Softas

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WORK EXPERIENCE

10/2023 – Present Responsibilities	**Causaly — Associate Application Software Engineer** — Full Time • Integrating Large Language Models like GPT, Mixtral, and LLaMA into web apps, enhancing platform capabilities with AI-driven functionalities while optimising usage to reduce costs and improve response times through caching and prompt tuning • Developing scalable and maintainable codebases in TypeScript by leveraging functional programming principles, ensuring high-quality, reusable components • Designing APIs and data pipelines for seamless interaction between LLMs and the platform, optimising response times and ensuring robust system performance
06/2024 – 08/2024 Responsibilities	**University of Pennsylvania — Software Developer** — Part Time • Worked alongside leading researchers, contributed to the deployment of machine learning models and data pipelines on the cloud • Published python packages to make [NiChart] accessible to scientists worldwide
02/2023 – 10/2023 Responsibilities	**Accenture — Application Development Analyst** — Full Time • Designed and implemented secure and efficient APIs as a member of the API Team for a prominent Greek bank's web application • Developed scalable solutions in C#, seamlessly integrated APIs and enabled smooth data flow within the web application • Developed/optimised MSSQL databases for web application data management
11/2021 – 11/2022 Responsibilities	**Greek Army — Junior Software Developer** — Mandatory Service • Created and maintained web apps using React, NodeJS, ExpressJS & MySQL • Created Python scripts for the automation of various tasks
02/2021 – 08/2021 Responsibilities	**NOKIA — Working Student / Software Engineer** — Industrial Placement • Developed unit tests for three core modules of NOKIA's Lightspan SDAN node • Ran simulations of the Lightspan hardware using Docker and Bazel

EDUCATION

	National and Kapodistrian University of Athens — Athens, Greece **Department of Informatics and Telecommunication**
09/2017 – 09/2021 Senior Project Code	B.Sc. in Computer Science — *GPA: 8.84/10* — First-class Honours Implemented a deep learning-based convolutional autoencoder neural network for dimensionality reduction in TensorFlow, with performance comparison against Approximate Nearest Neighbor and clustering algorithms implemented in C++
	University of San Diego — San Diego, CA
08/2019 — 12/2019	Semester Abroad — Stavros Niarchos Foundation Study Abroad Scholarship
	Deree – The American College of Greece – Athens, Greece
02/2018 – 05/2020	Minor in Finance — *GPA: 3.91/4.0* — Stavros Niarchos Foundation Scholar
	Hellenic American Educational Foundation - Athens College - High School
09/2010 – 06/2017	Apolytirion — *GPA: 19.5/20* — National Award for Academic Excellence

PROJECTS — **[GitHub]**

OpenAI Swarm Demo Code	Multi-agent AI system simulating a marketing agency using OpenAI's Swarm framework
NLP with FinBERT Code	Financial sentiment analysis Gradio web app using real-time data from Yahoo Finance
Systems Programming Code	A distributed system of multi-threaded processes answering prompts — Made in C++
CRUD Web App Code Demo	Web app for logging info between servers — React, NodeJS, ExpressJS, MySQL
Scrum Web App Code Demo	A platform for scrum team collaboration — React, Spring Boot, MySQL, Docker
Compilers Code	A MiniJava compiler that produces LLVM intermediate (IR) code — Made in Java

SKILLS

Language	English (Native), Greek (Native), French (Working Proficiency), Spanish (Beginner)
Programming Languages	Typescript, Python, C, C++, C#, Java, Prolog
Frameworks	React, NodeJS, fp-ts, Langchain, Bootstrap, Tailwind css
Technologies	PostgresSQL, MySQL, Docker, Git, Google Test, Linux/Unix, GCP, Azure (AZ-900)
Programming Paradigms	Procedural, Functional, Logic, Object Oriented