

Dimitrios Kakouris

ML Engineer/Software Engineer




General Info

Dimitrios Kakouris
Country: Greece
Born in 2001 in Athens, Greece

Interests

Software Development/Machine Learning/ Open Source Development/Distributed Systems

Github Portfolio

 DimitriosKakouris

Contact Info

+306978519166

@ dimitrioskakouris01@gmail.com

Languages

- Python/Pytorch
- Javascript
- Bash
- Go
- C++/Cuda

SHORT RESUMÉ

2019–2024

Bachelor of Engineering ECE NTUA

UNDERGRADUATE · NTUA, Athens Greece 📍

Specialized in Computer Engineering, Software and Artificial Intelligence during my university years. **Grade: 8.6/10**



2023–2023

Software Engineer at CoreNetworks

FRONTEND / BACKEND DEVELOPER · Marousi, Athens 📍

Developed the payment logging system for a CoreNetworks customer using Django framework for backend/frontend development with SQL database schema.

2024–2024

Master of Engineering ECE NTUA

GRADUATE · NTUA, Athens Greece 📍

Research Diploma thesis on Diffusion Models - Generative AI. Title: "Training-free Style Transfer in Diffusion Models" using Stable Diffusion 2.1 with diffusers library, implementing Attention Key Injection and Prompt-guided noise initialization for artistically accurate image generation. **Grade: 10/10**



ABOUT ME

Hello! My name is Dimitris Kakouris, and I'm 24 years old, currently residing in Athens, Greece. I have a passion for a variety of hobbies, with biking, running, and programming being the most significant. As a tech enthusiast, I'm always captivated by the latest advancements in technology. I really love creating with code and transforming the world through it. In university I fell in love with software engineering and low level programming, mostly focusing on AI and distributed/linux programming.

I aspire to become a well versed engineer, a person with all-around knowledge and a great personality.

PROJECTS

- **StyleMDiffusion:** A training-free approach to prompted and artistically accurate image generation, via Attention Key Injection and Prompt-guided noise initialization <https://github.com/DimitriosKakouris/StyleMDiffusion>
- **ntua-BlockChat:** BlockChat is a project for the NTUA Distributed Systems Course. It is a dummy Ethereum type of cryptocurrency utilizing Proof Of Stake Consensus Algorithm. <https://github.com/DimitriosKakouris/ntua-BlockChat>
- **ntua-flix:** Ntuaflix is a movie database platform that allows users to browse movies and rate them, It was developed as part of the NTUA Software Engineering Course 2023-24 <https://github.com/DimitriosKakouris/ntua-flix>
- **parallel-systems-ntua:** Parallel Processing Systems Implementations in OpenMP, CUDA and MPI <https://github.com/DimitriosKakouris/parallel-systems-ntua>

LANGUAGES

English	C2
Greek	Mother Tongue