MARINA SAMPROVALAKI

AI ENGINEER

CONTACT

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📍 Athens, Greece

EDUCATION

M.Sc. by Research, Computer Science

Athens University of Economics and Business

2023-2024

B.Sc. in Informatics

Athens University of Economics and Business

2018-2022

LANGUAGES

English

French

PROFILE

I am currently pursuing an MSc in Computer Science, driven by a strong interest in exploring various aspects of the field. With extensive experience in machine learning techniques and deep learning, my research focuses on advancing state-of-the-art Multimodal Large Language Models in the medical domain, particularly in medical image captioning.

WORK EXPERIENCE

NLP Researcher

Athens University of Economics and Business   2023 - today

- Conducted research on Diagnostic Captioning, leveraging Multimodal Large Language Models to generate accurate and informative captions for medical images.
- Applied prompt engineering techniques to optimize model performance and enhance accuracy.
- Integrated Retrieval-Augmented Generation (RAG) to improve the relevance and quality of generated captions.

Junior Full Stack Engineer

HOMI Greece   2022 - 2023

- **Data Modeling**: Specialize in developing data models for machine learning tasks, with extensive experience in both classification and regression techniques.
- **Cloud Platform Experience**: Proficient in AWS for data storage, analysis, and model deployment, including experience with SageMaker.
- **Frontend Frameworks**: Skilled in React for creating dynamic user interfaces.
- **Database Technologies**: Experienced with both structured and unstructured data, including NoSQL databases like MongoDB and SQL databases like PostgreSQL.
- **Web Application Development**: Proficient in modern programming languages and frameworks, experienced in creating APIs using FastAPI, and adept at integrating APIs into applications.

Software Engineer Intern   2022

7L International

- Assisting in software development tasks, gaining hands-on experience in coding, debugging, and testing.