



Xhino Mullaymeri

AI/ML/LLM Engineer



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[LinkedIn](#)

Profile

Engineer with 4 years of experience specializing in machine learning and large language models (LLMs). Skilled at identifying complex problems, designing ML/AI/data-driven solutions, and building robust systems from research to deployment. An **early adopter** who stays at the **forefront of AI advancements**, proactively leveraging emerging tools and techniques to deliver innovative solutions. Looking to apply this expertise to solving **real-world** problems and driving impact.

Professional Skills

Technical:

- **Programming:**
 - Python (pandas, NumPy, scikit-learn, matplotlib, Gradio, Jupyter, PyTorch, cProfile, pytest and many more)
 - SQL
- **Machine Learning:** Supervised & unsupervised learning, model training & evaluation, feature engineering, dimensionality reduction, hyperparameter tuning, cross-validation, model deployment
- **Data Science:** Data wrangling & cleaning, exploratory data analysis (EDA), statistical modeling, data visualization
- **Generative AI (GenAI):** Large Language Models (open-source & proprietary), retrieval-augmented generation (RAG), fine-tuning, prompt engineering, evaluation frameworks (LLM-as-a-judge, SME-driven evaluation), LangChain, LangGraph, vector databases
- **Tools:** Git, CI/CD, Docker, CLI, Jira, Confluence, notebooks

Interpersonal:

- Adaptability, Problem-Solving, Collaboration

Languages:

- English (Proficient), Greek (Native), Albanian (Intermediate)

Industry Experience

ML / AI / LLM Engineer - Research | Oracle Labs, Copenhagen

(Aug 2022 – Present, Aug 2021 – Feb 2022)

Delivered multiple projects developing **AI/ML-driven** Anti-Money Laundering (AML) solutions to detect and prevent **financial crime**.

- Applied **LLM advanced techniques** including retrieval-augmented generation (RAG), LLM tools integration, fine-tuning, and prompt engineering.
- Designed and ran LLM **evaluation** frameworks, collaborating with subject matter experts (SMEs) and using LLM-as-a-judge approaches to validate results.
- Built **prototypes** and **pipelines** leveraging **LangChain/LangGraph** to orchestrate and scale solutions.
- Worked with both open-source and proprietary Large Language Models (LLMs).
- Development and continuous integration **CI** of SANE; a machine learning entity resolution solution.
- Improved the **time performance** of the main entity resolution task by ~40%
- Contributed features for a **python quality assurance** internal tool.

Robotics Instructor | Robotics Academy UoM, Thessaloniki

(Oct 2017 – May 2020)

Working across multiple projects focused on **Educational Robotics**.

- Educational robotics Instructor, **teaching diverse** age groups.
- **Curriculum development** and R&D in educational robotics.
- **Trained and mentored** 20 instructors across Greece

Education

MSc (Industry), Human-Centered Artificial Intelligence | Technical University of Denmark (Aug 2022 – Present)

Thesis: "Can LLM systems replace Chemical Engineers? "

BSc, Applied Informatics | University of Macedonia, Greece (Sep 2015 – Mar 2021)

Thesis: "A two-party private string matching fuzzy vault scheme"

Publications

- [Using Fuzzy Vaults for Privacy Preserving Record Linkage](#). DOLAP. 2021.
- [A two-party private string matching fuzzy vault scheme](#). *Proceedings of the 36th annual ACM symposium on applied computing*. 2021.

Projects

League of Fusions ([click to access](#))

- Innovated a captivating game utilizing DALL-E 3's AI image generation capabilities, overseeing all backend development tasks.

Coronosms

- A simple, yet helpful app created on android studio with 2k+ downloads. Eased the life of many during covid quarantine times in Greece.

Additional Experience

Robotics Academy Team | **University of Macedonia**, Thessaloniki (October 2016 – March 2020)

- Participated, with 3 fellow students, in the **World Robot Olympiad (WRO) Advanced Robotics Challenge (ARC)**, an international competition for university-level students focused on solving complex engineering tasks through autonomous robotics systems.
 - 2017: 1st place, WRO ARC National Championship (Greece); 16th place globally, **WRO International Final**, Costa Rica
 - 2018: 2nd place WRO ARC Greece
- Presented robotic prototypes at **Thessaloniki International Fair (TIF)**, 2017-2019

Volunteer Facilitator | **Think Learn Create (TLC) Robotics Championship**, Greece (Oct 2018 – May 2020)

- Facilitating a monthly robotics competition of 70+ members.

To know me better, I really enjoy

- Tech
- Deep conversations
- Art
- Games & Riddles