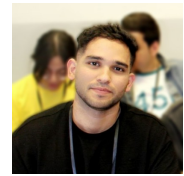


Meelad Dashti

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EDUCATION

Politecnico di Torino

M.Sc. in Computer Engineering - AI and Data Science

Turin, Italy

Oct 2023 - 2025 (Expected)

Yazd University

B.Sc. in Computer Engineering - Software Engineering

Yazd, Iran

Sep 2022

Oakridge International School

High School Diploma - Mathematics and Physics

Hyderabad, India

May 2017

EXPERIENCE

Politecnico di Torino & AROL Group

AI/ML Engineer (Course Project for AROL Group)

Turin, Italy

June 2024 - Feb 2025

Developed an LLM-powered chatbot using LLaMA Transformers with LoRA fine-tuning and RAG via Pinecone for domain-specific knowledge retrieval. Created supervised Q&A datasets from web scraping (Scrapy/BeautifulSoup) and deployed on Hugging Face Spaces with Gradio interface.

Politecnico di Torino

Lab Assistant - System and Device Programming

Turin, Italy

March 2025 - Ongoing

Assisting lab sessions and supporting students with debugging and optimizing C/C++ code.

Pishgaman Innovation Accelerator

Android Developer

Yazd, Iran

May 2022 - Feb 2023

Built Nemad App for city-wide complaint management, optimized nested JSON search queries, and implemented MVVM architecture with Dagger 2, Hilt, and coroutines for maintainable code.

CE Department, Yazd University

Undergraduate Teaching Assistant

Yazd, Iran

June 2022 - Sept 2022

Assisted in Software Engineering and Automata Theory courses, leading discussions and lab sessions.

GSPANN Technologies Inc.

Web Development Intern

Hyderabad, India

May 2016 - July 2016

Developed static web pages using HTML, CSS, and JavaScript.

MAIN PROJECTS

3D Neural Affordance Highlighter

Fall 2024

Developed a vision-language model for affordance region localization in 3D point clouds using CLIP-based textual supervision. Implemented multi-view and differentiable rendering techniques, and evaluated performance with IoU/aIoU metrics on the 3D AffordanceNet dataset.

LLM Code Refactor Project

Fall 2024 - Ongoing

Building an LLM-powered system for automated code quality assessment and refactoring with repository selection, metadata extraction, and structured parsing capabilities. Enhances code readability and maintainability through prompt engineering.

Symbolic Regression via Genetic Programming

Fall 2024

Applied genetic programming for symbolic regression, evolving mathematical formulas through hyperparameter tuning and optimizing MSE with strategic mutation approaches.

More projects available on my portfolio

Professional Certificates

Introduction to TensorFlow for Artificial Intelligence [↗](#)

DeepLearning.AI

Issued Aug 2022

Convolutional Neural Networks in TensorFlow [↗](#)

DeepLearning.AI

Issued Dec 2022

IELTS ACADEMIC: Overall Band 8

Speaking: 8.5, Listening: 8, Reading: 8, Writing: 7

Issued Oct 2022

Languages

English Native language
Hindi Fluent

Persian Native Language
Italian Elementary

Technical Skills

Programming & Development: Python, Java, JavaScript, Kotlin, C, C++, Assembly, SQL, Android Studio, React, FastAPI, HTML, CSS

AI & Machine Learning: Scikit-learn, TensorFlow, Keras, PyTorch, Hugging Face Transformers, Pandas, NumPy, LangChain, RAG, LoRA, CNNs, RNNs, LSTMs, GANs, Autoencoders

Databases & Deployment: Firebase, MySQL, PostgreSQL, MongoDB, Docker, Git, GitHub

Tools & Platforms: Google Colab, Kaggle, Jupyter Notebook, VS Code, PyCharm, Postman, Linux, L^AT_EX, Figma, OpenCV, Matplotlib