

# Ziad Tamim

## Artificial Intelligence Graduate

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Portfolio Website: [ziadtamim.com](https://ziadtamim.com)

### Profile

MSc Artificial Intelligence graduate with first-class honors from Queen Mary University of London, specializing in machine learning and deep learning. I worked on many hands on projects that involved computer vision and supervised learning tasks. I am seeking jobs that involves working with data, machine learning or deep learning.

### Education

**MSc Artificial Intelligence** | Queen Mary University of London Sep 2023 – Oct 2024

- Obtained a First-Class (5/5)

**BEng(Hons) Robotics Engineering** | University of the West of England Bristol Sep 2020 – Jul 2023

- Obtained a Second Class Upper Division (4.7/5)

### Extracurricular

**Data Manager Volunteer** | Welcome to Badminton Newcastle Oct 2024 – Feb 2025

- Collected and managed participant data using Google Forms and Excel, handling registration, attendance, and reporting for funding purposes
- Utilized Python for data cleaning, statistical analysis, and visualization (Tableau) to track program impact and create clear, data-driven reports for stakeholders
- Organized and maintained a structured Google Drive for organizational documents, ensuring data protection and training team members on its use

### Key Skills

**Machine Learning:** Data Gathering, Data Cleaning and Preparation, Model Selection, Model Training, Model Optimization, Pipelines, Fine-Tuning, Model Deployment, Supervised and Unsupervised Tasks.

**Deep Learning:** Neural Networks, CNNs, RNNs, NLP, Hyperparameter tuning, Model Optimization.

**Tools:** Scikit-learn, TensorFlow, PyTorch, SQL, Python, Keras, Hugging Face, CSS, HTML, Next.js.

**Soft Skills:** Communication, Interpersonal, Attention to Detail, Collaborative Teamwork, Problem Solving.

### Projects

**MueenCVs AI Powerd SaaS** Personal Project

Developed enterprise-grade SaaS application using modern tech stack (Nextjs 14, TypeScript, Supabase) with AI integration (DeepSeek API), implementing advanced features including real-time CV generation, and intelligent content optimization based on job description analysis.

**Enhancing Computational Efficiency for Parking Occupancy Detection on Edge Devices** MSc Project (Thesis)

Developed a custom deep learning model using depthwise separable convolution for parking occupancy classification, achieving 97.4% accuracy on a Raspberry Pi. Through quantization and knowledge distillation the model demonstrated a benchmark classification speed. Implemented a Flask interface for real-time monitoring.

**Median House Price Prediction using Machin Learning** Personal Project

Built an end-to-end ML pipeline to predict California median house prices using 1990 census data, including data cleaning, feature engineering, transformation pipelines, and model selection (Linear Regression, Decision Tree, Random Forest).

**AI Route Finder using Search Algorithms – London Underground** MSc Assignment

Implemented uniformed and Informed search (DFS, BFS, UCS, and a heuristic) for route finding using the London underground dataset, analyzed algorithmic performance and visualized routes.

### Certications

**Complete MLOps Bootcamp with End to End Projects** | 2025  
Udemy

**Understanding and Visualizing Data with Python** | 2024  
University of Michigan

**Python for Computer Vision with OpenCV and Deep Learning** | 2022  
Udemy