Kiana Jafari

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EDUCATION

Goldsmiths, University of London — London, UK
Dual Enrollment | Computer Science — Aug 2024 - Mar 2025

Relevant Coursework: CS50 Introduction to Computer Science (in progress), Intro to TensorFlow for Deep Learning, Data Analysis with Python, Data Science Math Skills, Computational Mathematics, Stanford Machine Learning

TECHNICAL SKILLS

Languages: Python, SQL, p5.js, HTML/CSS
Software: Anaconda, Jupyter Notebook, Google Colab, Visual Studio Code, Google BigQuery, Streamlit
Libraries: OpenCV, TensorFlow, Keras, scikit-learn, NumPy, pandas, Matplotlib, Seaborn

WORK EXPERIENCE

Deloitte Australia Data Analytics Job Simulation — Remote
Data Analytics Internship — Feb 2025 - Mar 2025
- Completed a Deloitte job simulation involving data analysis and forensic technology
- Created a Tableau dashboard to analyze telemetry data from four factories and address business questions
- Classified gender pay equality scores in Excel to analyze disparities across job roles and company locations

becomexpert — Iran, Tehran
AI/ML Internship — Sep 2024 - Nov 2024
- Designed and deployed Deep Learning and AI models in real-time, ensuring the maintenance of Ethical AI
- Identified key educational challenges faced by fellow students and facilitated knowledge-sharing sessions, resulting in a 65% improvement in academic performance
- Collaborated with cross-functional teams and integrated innovative solutions that enhanced overall project execution and reduced model training time by 40%

PROJECTS

SignWise: Intelligent Traffic Sign Recognition | *TensorFlow, OpenCV, Streamlit* — Dec 2024 - Jan 2025
- Implemented a modified version of LeNet from scratch to classify traffic signs into predefined categories
- Leveraged OpenCV and applied advanced statistical techniques, including Data Augmentation, to improve the model performance, achieving an accuracy score of above 94% on the test set
- Designed an interactive web application using Streamlit and deployed the model in real-time, making an engaging experience for the users

2D Side-Scrolling Video Game | *p5.js, JavaScript, HTML* — Oct 2024 - Mar 2025
- Developed and implemented a creative 2D game environment with animated character movement
- Utilized p5.js and JavaScript for real-time rendering to create a side-scrolling world with interactive animations
- Successfully delivered a functional game that showcases UX and animation transitions

PROFESSIONAL DEVELOPMENT

Tech Employability Skills Experience — UoL Careers Service (Remote)
Career Preparation Fellow — Jan 2025 - Feb 2025
- Participated in an intercultural program to develop Global Employability Skills through workshops led by careers experts and employers on key topics for the Future of Work
- Gained employability-related insights, including future trends and the impact of AI, from expert careers consultants, graduates, and employers relevant to specific industries

TECHNICAL BLOG

"Understanding the Math Behind Deep Neural Networks" - Published on Medium, *Link* — May 2024