

HARD JOSHI

+44 7407051600 • haardj2003@gmail.com • linkedin.com/in/hardjoshi • github.com/haardjoshi

PROFILE

I build solutions with data. My approach is rooted in the craft of structured problem-solving, turning messy, real-world information into clear, actionable insights. I have hands-on experience taking projects from initial data wrangling to deploying robust predictive models and creating visualizations that tell a compelling story. I'm motivated by the challenge of building tools that are technically sound and genuinely useful.

EDUCATION

BSc. (Hons) in Data Science and Artificial Intelligence

University of East London, London, UK

Graduating Expected: *May 2026*

On track for a First-Class Honours

Relevant coursework: Data Structures, Machine Learning, Corporate Finance, Financial Accounting

TECHNICAL SKILLS

Programming: Python (Pandas, NumPy, Scikit-learn), SQL

Data Science & ML: Classical Machine learning (Classification, Regression), Statistical Modeling, Time Series Analysis, Data Visualization, ETL Processes

Tools & Technologies: Power BI, Advanced Excel (Pivot Tables, VLOOKUP), Jupyter Notebooks, Git

PROJECTS

Time Series Forecasting of Financial Market Data

Present

- Forecasting equity price movements from historical market data to identify potential trends.
- Engineered a time-series model in Python, using walk-forward validation to simulate live trading conditions.
- On track to producing a robust forecasting tool with demonstrable predictive power for short-term market analysis.

Interactive KPI Dashboard for School Performance

February 2025 – April 2025

- Faced with unstructured academic data that was difficult for non-technical faculty to interpret.
- Delivered an intuitive Power BI dashboard, enabling stakeholders to self-serve insights and track key metrics.

Predictive Modelling for Heart Disease Risk

December 2024

- Challenged to build a high-accuracy model to predict patient health outcomes from a noisy, complex dataset.
- Executed a back-end workflow, including data pre-processing, feature engineering, and model selection.
- Deployed a K-Nearest Neighbors model that achieved 98% accuracy, showcasing strong ML fundamentals.

PROFESSIONAL EXPERIENCE

Course Representative | University of East London

September 2023 – Present

- Represented a cohort of 100+ students, gathering systematic feedback on course content and delivery.
- Analyzed and synthesized this feedback into clear, data-backed proposals for presentation to faculty.
- Successfully negotiated curriculum enhancements, demonstrating strong communication and advisory skills.

University of East London, London, UK: Lab Technician Intern

January 2025 – April 2025

- Responsible for the stability and performance of the university's critical data analysis computing labs.
- Proactively monitored system health, performed regular maintenance, and resolved complex hardware issues.
- Guaranteed 99.9% system uptime, ensuring uninterrupted access to vital resources for students and faculty.

Aldgate Tap, London, UK: Bar Supervisor

September 2023 – Present

- Managed a team of 10+ staff during high-volume service periods, requiring rapid, effective decision-making.
- Designed and implemented new workflow protocols to reduce bottlenecks and optimize staff allocation.
- Improved operational efficiency by 20% in a high-pressure environment.

CERTIFICATIONS

Microsoft Certified: Azure AI Fundamentals

Microsoft

- Credential ID: a86cbc43-a084-484e-a961-6e1e4605c1f0

Microsoft Certified: Azure Data Fundamentals

Microsoft

- Credential ID: b3c6f29d-523c-41e6-a947-c834e683c58f

Microsoft Certified: Azure Fundamentals

Microsoft

- Credential ID: 99a451d1-2247-4e81-800c-405c7bb8b74e

Supervised Machine Learning: Regression and Classification

DeepLearning.AI

- Credential ID: Y6B3QPYZL5RD

Getting Started with Artificial Intelligence

IBMSkillsBuild

- Credential ID: 6efada96-111b-4dfe-81db-2419b613d82b

LANGUAGES & INTERESTS

Languages: English (Fluent), Gujarati (Fluent), Hindi (Fluent)

Interests: Chess, Following Global Equity Markets, Table-Tennis