

Hashim Umarji

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EDUCATION

Queen Mary University of London	September 2020 – May 2024
BSc (Hons) Computer Science with Mathematics	
Relevant Modules: Procedural Programming (A), Object-Orientated Programming (A), Software Engineering (A), Database Systems (A)	
Leyton Sixth Form College	September 2018 – June 2020
A-Levels: Maths (A*), Further Maths (A), Computer Science (C)	
Leytonstone School	September 2013 – July 2018
GCSEs: 9 9-6 grades including Maths (8), English Language (6), Computer Science (7)	

TECHNICAL SKILLS

- Programming Languages** – Java, Python, HTML, CSS, SQL, R, Visual Basic
- Libraries and Frameworks** – Pandas, NumPy, Matplotlib, ggplot2, BeautifulSoup, Spark, Hadoop
- IT and Database Management** – Microsoft Office, PHPMyAdmin, Oracle Database Service, MATLAB
- Data Analysis and Visualisation** – Tableau, Tableau Prep, Alteryx
- Sports Data Analytics** – Opta, StatsBomb, STATSports, HUDL Sportscode
- Languages** – Gujarati, Urdu, French
- Coaching** – Introduction to Coaching and Football

WORK EXPERIENCE

Queen Mary University of London, <i>Student Demonstrator</i>	September 2023 – Current
• Guided students through course material and providing tailored feedback during laboratory sessions resulting in improved academic performance.	
• Evaluated coursework and in-class assessments, significantly contributing to the academic achievement of peers through comprehensive assessment strategies.	
Adidas, <i>Sales Consultant</i>	February 2021 – February 2024
• Guided and led the shop floor team as captain, resulting in a notable upsurge in key performance indicators, reflecting enhanced team productivity and efficiency.	
• Optimised merchandise replenishment processes by implementing swift and effective delivery processing methods, significantly reducing turnaround times.	
• Fostered collaborative efforts among team members to consistently uphold shop floor standards, ensuring top-tier customer satisfaction aligned with prescribed benchmarks.	
Watford Football Club, <i>First Team Data Analyst Intern</i>	July 2022 – May 2023
• Enhanced player evaluation accuracy by creating and executing R and Python programs, resulting in data-driven assessments of player eligibility.	
• Streamlined data cleansing and visualisation processes using Tableau, Tableau Prep, and Alteryx, enhancing data processing efficiency and providing accessible insights into the first team's performance.	
• Improved match analysis comprehensiveness by instituting daily utilisation of Tableau workbooks. These facilitated comprehensive pre- and post-match analysis, particularly in assessing individual player performance.	
Tottenham Hotspur, <i>Event Support</i>	November 2019 – March 2020
• Strategically organised and coordinated events, guaranteeing seamless execution and smooth operations throughout.	
• Managed the distribution logistics of diverse items such as gift bags and match day programs, efficiently delivering them to designated locations within the stadium.	
• Provided personalised guidance and escort services, ensuring individuals were efficiently and courteously directed to their intended destinations, enhancing their overall experience.	
InCarMusic, <i>Sales Assistant</i>	Summer 2017 and 2018
• Maintained consistently high levels of customer satisfaction, employing proactive measures and personalised service to exceed expectations.	
• Collaborated closely with colleagues, delivering exceptional sales services through teamwork and shared expertise, enhancing overall customer experience.	
• Effectively oversaw the ship-from-store operations, ensuring timely fulfilment of targets within set deadlines, optimising operational efficiency and customer service standards.	

TECHNICAL PROJECTS

CIFAR-10 Image Classification

2024

- Designed a PyTorch-based deep learning model using advanced techniques like scaling in convolutional layers to enhance model accuracy and robustness.
- Optimised model performance through hyperparameter tuning, using Adam optimiser and Kaiming initialisation.
- Leveraged GPU acceleration for efficient training achieving a classification accuracy of 75%.

Fantasy Premier League AI Companion

2024

- Made use of the Fantasy Premier League API to extract raw data, ensuring its integrity and relevance through meticulous cleaning and processing for analysis.
- Created advanced statistical models with scikit-learn, utilising the processed data to generate predictive insights, enhancing decision-making in the Fantasy Premier League.
- Developed a strong AI-driven companion for enthusiasts, integrating carefully crafted statistical models to offer informed recommendations and strategic insights for optimised team management and performance.

GBE App

2023

- Leveraged a detailed legal criteria handbook to craft bespoke software, streamlining legal processes to meet specific needs.
- Automated player eligibility evaluation for work permits, optimising the assessment process and expediting decision-making.
- Implemented efficient player scouting methods, significantly reducing time expenditure for the legal and scouting departments, resulting in substantial time savings and increased productivity.

Timesheets App

2022

- Collaborated with six colleagues to develop a prototype app for FDM, promoting teamwork and innovation.
- Thoroughly documented various stages of the software development life cycle, providing detailed records for future reference and improvement, including processes like Domain Analysis and Requirements Elicitation.

Web-based Car Rental System

2020

- Utilised HTML, CSS, and PHP to design and enhance the interactivity of the website.
- Established a MySQL relational database through PHPMyAdmin structuring a robust and scalable database system to support the website's data management needs.