

# Hashim Umarji

07508 820 339 | umarjhashim@gmail.com

## 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: 9-6 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, Student Demonstrator

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, Sales Consultant

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, First Team Data Analyst Intern

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, Event Support

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, Sales Assistant

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.