

EESA IQBAL

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Education:

University of Birmingham - Computer Science (MSc)	<i>Dec. 2023</i>
<ul style="list-style-type: none">Final Grade: DistinctionExperience with Agile, Java, AI, Python and SQL	
Kings College London - Biomedical Sciences (BSc)	<i>Jul. 2022</i>
<ul style="list-style-type: none">Final Grade: 1st (First Class with Honours)	

Projects:

Postgraduate Final Project (University of Birmingham, Birmingham)

How Hate Speech Can Be Detected Accurately and Efficiently for Arabic Text on Social Media, 2023.

- Awarded distinction for exploring AI techniques (Machine Learning, Deep Learning), demonstrating independent work and commitment to impactful AI / ML solutions.
- Applied Python for exploratory data analysis, pre-processing, and feature engineering.
- Implemented several AI models, employing advanced algorithms like Random Forest, Naïve Bayes, CNN, BERT, and LSTM networks.
- Addressed imbalanced datasets and optimized model performance through hyperparameter tunings.

Undergraduate Research Dissertation (King's College London, London)

Investigating the sensitization of nociceptive axons by the inflammatory mediator Prostaglandin E2, 2022.

- Awarded 1st Class for an 8000-word Dissertation exploring sensitization of pain, demonstrating critical appraisal skills and substantial independent research.
- Qualitative research conducted through over 10 laboratory experiments involving 100+ conventional cultures.

Personal Portfolio Website (<https://ezesii.com/>)

- Created a dynamic and visually appealing personal website leveraging HTML, CSS and JavaScript showcasing my experience and travels.

Work and Leadership Experience:

The Sultan's School	<i>Jan. 2024- Mar. 2024</i>
<i>Teaching Volunteer (British Omani Society)</i>	
<ul style="list-style-type: none">Coordinated and led daily boarding student activities, enhancing academic performance and satisfaction.Assisted teachers in delivering engaging PE, English, and Math lessons to students, leading to an improvement in student participation and understanding.	
Brooklyn Pizza Crew	<i>Sep. 2021- Jan. 2022</i>
<i>Front of House</i>	
<ul style="list-style-type: none">Serving 50+ customers a day, suggesting daily specials and weekly promotions to increase midweek revenue.Supervised 8+ mopeds, issued keys to delivery riders, ensured all bikes and keys returned safely.Directed a group of chefs and delivery riders by utilising GPS applications to track riders, improving delivery time by 10%	
Shoes and clothes reselling	<i>Jan. 2019- Sep. 2021</i>
<ul style="list-style-type: none">Multiple 3-digit transactions to high value customersBuilding a loyal customer base of 15+ through good customer service skills and utilising social mediaAnalysed data from the sneaker market of the last 2 years to obtain knowledge of desirable goods and maximise profits.	

Additional Skills and Interests

Skills: AI, Java, Python, Advanced Excel, Advanced Word, Advanced PowerPoint, Full UK driver's licence, Spanish (working proficiency), Punjabi (competent), Arabic (intermediate), English (Native), highly innovative, tech-forward.