

Education:**University of Birmingham - Computer Science (MSc)** *Dec.. 2023*

- Expected Distinction
- Modules included Data Structures & Algorithms, Databases, Software Engineering, OOP, AI&ML
- Experience with Agile, Java, AI, Python and SQL

Kings College London - Biomedical Sciences (BSc) *Jul. 2022*

- Final Grade: 1st (First Class with Honours)

Solihull Sixth Form College (A-Levels) *Jul. 2019*

- Biology (A), Spanish (A), Chemistry (B)

Projects:**Undergraduate Research Dissertation** (King's College London, London)*Investigating the sensitization of nociceptive axons by the inflammatory mediator Prostaglandin E2, 2022.*

- 1st Class 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.

Postgraduate Final Project (University of Birmingham, Birmingham)*How Hate Speech Can Be Detected Accurately and Efficiently for Arabic Text on Social Media, 2023.*

- Explored AI techniques (Machine Learning, Deep Learning) for Arabic hate speech detection on social media.
- 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.
- Demonstrated independent work and commitment to impactful AI / ML solutions.

Work and Leadership Experience:**Brooklyn Pizza Crew** *Sep. 2021- Jan. 2022**Front of House*

- 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%

Gentledentle Evesham*Sep. 2021**Work experience*

- Shadowed dentist and dental team, observing patient interactions, tooth extractions and minor surgeries.
- Engaged in dental office logistic processes including mail, deliveries, and placing orders.

Shoes and clothes reselling*Jan. 2019- Sep. 2021*

- Multiple 3-digit transactions to high value customers
- Building a loyal customer base of 15+ through good customer service skills and utilising social media
- Developed methods to buy products for below the market price and selling for higher
- Analysed 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 (beginner), English (Native), highly innovative, tech-forward,