

Basil Nasr

Harrow, London | 07538304373 | basilnasr44@gmail.com

EDUCATION

Queen Mary, University of London **Computer Science BSc** **Sept 2022 - June 2025**

Working towards First Class (Achieved First Year: 87%)

- Modules include: Procedural Programming, Computer System Networks, Web Technology, Object Orientated Programming, Information System Analysis

Canons High School

Sept 2014 - May 2021

- **A-Levels: A*** Computer Science, **A** Biology, **A** Politics
- **10 GCSES 9-4** Including Maths and English

WORK EXPERIENCE

Computer Science Lab Demonstrator **Sept 2023 - Current**

- Demonstrated and supervised labs, tutorials and lessons for first year computer science students across a range of modules
- Keeping track of students progress and planning work
- Assisting students in their learning and understanding of the modules

Front-End Developer at Tech Advisory

April 2023 - June 2023

- Worked to design, architect, implement, integrate and deploy the first version of the company's app via the **FlutterFlow** framework.
- Used **Figma** to design first versions of the pages for the app.
- Reported directly to the Founder and help the team fulfil technical, operational, and business requirements

Store Colleague at Morrisons

March 2022 - Sept 2023

- Served as a store associate in a thriving Morrisons location, dealing with a wide variety of tasks such as cashier work, handling stock and providing customer service
- Delivered exceptional and efficient customer service, ensuring all of the customer's needs were met
- Resolved customer problems promptly and escalated larger concerns to management

Computer Science Tutoring

June 2021 - March 2023

- Tutored GCSE and A-Level Students in Computer Science One-on-One
- Taught programming paradigms: Procedural Programming and Object Oriented Programming
- Explained basic programming principles such as decomposition, and abstraction

References: marafatali97@gmail.com, a_mohamed03@outlook.com

TECHNICAL EXPERIENCE

Repositories and Demos can be found on bas-dev.netlify.app

- Sorting Algorithm Visualiser: Visualises several sorting algorithms from Bubble sort to Quick sort
- Stock Price Predictor: Uses machine learning to predict tomorrow's Close for the S&P 500 (SKLearn)
- Physics based Video Game: Simulates several forces on the player such as gravity, recoil and air resistance

CERTIFICATION

Skyscanner Front-End Software Engineering Virtual Experience Program

Nov 2022

- Created a Web Application using the Skyscanner Backpack Library.
- Analysing, Comparing and implementing different features for the app.
- Testing the app by running React Tests
- Conducting a security maturity assessment for a new client, analysing and implementing the right access policies.
- Evaluating a client's proposed design choices, helping them reach reasonable and measurable technical requirements for their software.

LANGUAGES & SKILLS

Skills: MS Office | Python | Java | Lua | HTML | JavaScript | CSS | PHP | SQL | C#

Languages: English (Fluent), Arabic (Native)