Anss Hameed

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LinkedIn | Online Portfolio

EDUCATION

**University of Bristol	MEng Computer Science**	Sept 2022 – Aug 2026

- **Predicted:** 1st Class Degree
- **Key Modules:** Functional & Imperative Programming (70%), Maths (75%), Architecture (72%), Object Oriented Programming & Algorithms (71%), Software Tools (70%)

**St Brendan's Sixth Form College	A Levels**	Sept 2019 – Aug 2021

- Mathematics (A*), Computer Science (A*), Business (A*), EPQ (A)

**Downend Secondary School	GCSEs**	Sept 2017 – Aug 2019

- **9 GCSEs A* - B** – Including Mathematics (A) and English Language (A)

Experience

**Alfa Financial Software	Internship**	July 2023

- Technology consultancy - tackled customer queries, advised on the best software and how to use it.
- Front-end development - enhanced **UI/UX** of Alfa's software using **HTML/CSS/JS** based on internal stakeholder requests before presenting final solution to panel.
- Back-end development - Worked alongside a software engineer to build a bespoke software with Java for a large company working in asset finance.

**Pyng	Software Developer**	March 2023 – Present

- Enhancing financial transactions for a mobile payment app to increase time efficiency and UX when transferring money and splitting bills
- Front-End – Utilise **React Native** for the landing page of app (enhancing **UI/UX** of current app)
- Back-End – Employed **Python** to build a calculator for transaction calculations when transferring money

**upReach	Tech 500 Associate**	March 2023 – Present

- Selected as a high potential undergraduate to join an accelerated professional development programme – includes professional workshops and academic mentoring.
- **Tech500 Bootcamp 2023 Highlights:**
  - **G-Research**: Coding challenge using Python to optimize decision making for auction bidding.
  - **Reply Group** Combined optimal **Google Cloud** software related to machine learning, cloud storage, and visualisation to obtain optimal performance depending on client preferences
  - **JMAN**: Assumed Data analyst & data scientist roles for a client consulting project; extracted data using **Power BI** and **Excel** then cleaned data using **Python (**utilizing **Numpy** and **Panda** libraries**)** to present statistical findings to a panel of judges

**University of Bristol	STEM Outreach Ambassador**	March 2023 – Present

- Teaching **Python** and GCSE Maths to disadvantaged students at a local secondary school
- Create weekly programming/algorithm lessons to help students excel in their exams

Projects

Website Portfolio (Front-End Development)	July 2023

- Used **HTML, CSS** and **JavaScript** to develop an interactive website portfolio

Scotland Yard Boardgame (Game Design)	Jan 2023 – May 2023

- Developed digital version of Scotland Yard boardgame using **Java**
- Designed AI bot to play and implemented methods such as '**minimax**' and '**alpha-beta pruning**' to optimize AI bot's winning performance.

Utopian World Simulation (Hackathon Game Design)	Feb 2023

- Used **C#** and **Blender** to produce a utopian world; simulating every-day environment of the world based on geographics, demographics and civilization by changing political views (democracy, liberalism etc.)

Mandelbrot Fractal Set (Interactive Mathematical Theory Tool)	Sept 2020 – April 2022

- Used Python to develop an interactive tool for fractal with **UI** and a login system using **SQL**

Skills & Achievements

Programming Languages: Python, Java, C, Haskell, HTML, CSS, JavaScript, React, React Native
Technical Skills: Git, Data Structures, Algorithms, Architecture, Functional, SQL, Linux, Imperative, Functional and Object-Oriented programming
Achievements:

- **'Bristol Scholar' & Access to Bristol:** Selected by sixth form as a high-performer in academia which granted me access to exclusive opportunities at the University of Bristol	Sept 2021 – Present
- **Sales Manager:** Consistent top performer (cars bought & bonus made) in the division of South West, Wales and Midlands during my time as a sales manager at WeBuyAnyCar.	Jan 2022 – Sept 2022
- **Pathways to Property Certification:** Completed 3-week program on property and real estate.	Dec 2021

Additional Licenses:

- Full UK Manual driving license	June 2021
- First Aid & Food Hygiene and Catering	2018