

Anss Hameed

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EDUCATION

University of Bristol MEng Computer Science <ul style="list-style-type: none">Predicted: 1st Class DegreeKey Modules: Functional & Imperative Programming (70%), Maths (75%), Architecture (72%), Object Oriented Programming & Algorithms (71%), Software Tools (70%)	Sept 2022 – Aug 2026
St Brendan's Sixth Form College A Levels <ul style="list-style-type: none">Mathematics (A*), Computer Science (A*), Business (A*), EPQ (A)	Sept 2019 – Aug 2021
Downend Secondary School GCSEs <ul style="list-style-type: none">9 GCSEs A* - B – Including Mathematics (A) and English Language (A)	Sept 2017 – Aug 2019

Experience

Alfa Financial Software Internship <ul style="list-style-type: none">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.	July 2023
Pyng Software Developer <ul style="list-style-type: none">Enhancing financial transactions for a mobile payment app to increase time efficiency and UX when transferring money and splitting billsFront-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	March 2023 – Present
upReach Tech 500 Associate <ul style="list-style-type: none">Selected as a high potential undergraduate to join an accelerated professional development programme – includes professional workshops and academic mentoring.Tech500 Bootcamp 2023 Highlights:<ul style="list-style-type: none">- 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	March 2023 – Present
University of Bristol STEM Outreach Ambassador <ul style="list-style-type: none">Teaching Python and GCSE Maths to disadvantaged students at a local secondary schoolCreate weekly programming/algorithm lessons to help students excel in their exams	March 2023 – Present

Projects

Website Portfolio (Front-End Development) <ul style="list-style-type: none">Used HTML, CSS and JavaScript to develop an interactive website portfolio	July 2023
Scotland Yard Boardgame (Game Design) <ul style="list-style-type: none">Developed digital version of Scotland Yard boardgame using JavaDesigned AI bot to play and implemented methods such as 'minimax' and 'alpha-beta pruning' to optimize AI bot's winning performance.	Jan 2023 – May 2023
Utopian World Simulation (Hackathon Game Design) <ul style="list-style-type: none">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.)	Feb 2023
Mandelbrot Fractal Set (Interactive Mathematical Theory Tool) <ul style="list-style-type: none">Used Python to develop an interactive tool for fractal with UI and a login system using SQL	Sept 2020 – April 2022

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:

<ul style="list-style-type: none">'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
<ul style="list-style-type: none">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
<ul style="list-style-type: none">Pathways to Property Certification: Completed 3-week program on property and real estate.	Dec 2021
Additional Licenses: <ul style="list-style-type: none">Full UK Manual driving license	June 2021
<ul style="list-style-type: none">First Aid & Food Hygiene and Catering	May 2018