

Peter Webster

07546 654 000 peter.webster@oriel.ox.ac.uk

Education and Awards

MCompSciPhil Computer Science and Philosophy, Oriel College, University of Oxford

Oct 2023 on

- Exam results: 70% in Linear Algebra collection, 73% in Logic collection

Wallington County Grammar School, Sutton, South London

Sep 2016 – Jun 2023

A levels: Computer Science A*, Further Maths A*, Maths A*, Spanish A

GCSEs: 12 Grade 9's incl. Further Maths, Computer Science and Physics, along with FSMQ Additional Maths A

- Merit in first round of the British Maths Olympiad 2023. Various Distinctions in Bebras Computing Challenges
- Awarded School Prize for GCSE results. 1st in year for A-level Further Maths and Spanish

Experience

Huazhong University of Science and Technology, Software Engineering Internship

Jun 2024 – Aug 2024

- Assisted in developing a neural radiance field model to transform 1000s of 2D campus images into an interactive 3D virtual space, applying machine learning and computer vision techniques
- Adapted quickly to an intense, fast-paced work environment while honing technical and teamwork skills
- Gained invaluable experience working on a large-scale project with an expansive, diverse team

Oriel College JCR, IT Representative

Mar 2024 on

Senior Computer Science Society, President, Wallington County Grammar School

Sep 2022 – Jun 2023

- Independently planned and organised over 8 months' worth of engaging sessions on various topics
- Improved public speaking and leadership skills by delivering presentations and demonstrations
- Successfully increased the number of weekly attendees by over 90% over course of leadership

FIS Global, Assisting a Software Engineering Team Lead (work experience)

Aug 2022

- Responsible for creation and development of system to automate repetitive and time-consuming tasks
- Demonstrated high levels of computational thinking and problem solving
- Overcame a variety of challenges in implementation, while learning about and obtaining experience with modern rapid software development techniques

TutorNest, Chief Technology Officer (Young Enterprise company)

Oct 2021 – Jun 2022

- Led a team in the design and launch of the website for an online tutoring company in only 1 month
- Ensured the products released were professional and user-friendly through extensive market research
- Improved time-management skills by meeting and outperforming tight deadlines

Independent GCSE and A-level Tutoring, Tutor

Oct 2021 – May 2022

- Aided 6 students in their preparation for GCSE Spanish and Maths
- Enhanced 1 student's knowledge and academic performance in A-level Further Mathematics
- Managed aspects of self-employment: scheduling, designing curriculum and tracking students' progress

Virtual Work Experience, Experian

Feb 2022

- Analysed and interpreted customer databases while learning about business structure and procedure

Volunteer, Emmanuel Church

2017 – 2022

Volunteered for at least 1 day a week at local church with responsibilities including:

- Organising the setup of activities at a club for primary school children
- Playing in church band for a crowd of over 250 people
- Communicating effectively and maintaining good relationships in occasionally high-pressure environment

Skills and Interests

Languages: English (native), Spanish (conversational), French (basic)

Coding Skills: Knowledge in OO languages (Python, Javascript, Java) as well as others like HTML and Haskell

Music: Advanced proficiency in Guitar and Piano, with a focus mainly on improvisational jazz music

Sport: Cricket First XI in secondary school; College ice hockey team; Oriel College Boat Club; Parkrun runner

Interests: Rubik's cube speed solving (since 2016), Chess (since 2020)