EWAN WALKER BSc

Email: Ewanwalker1@gmail.com Website: www.ewanswalker.co.uk
GitHub: www.github.com/ewanwalker Tel: (+44) 7376211865

I'm an enthusiastic and dedicated student currently pursuing a Master's (MSc) in Advanced Computer Science with a passion for artificial intelligence, data science and bio-computing. I leverage my strong algorithmic knowledge to solve complex problems and drive innovation. I am eager to apply my academic knowledge and hands on experience to real world projects.

Education

Newcastle University | MSc Advanced Computer Science | 2025 – 2026
- Modules including Advanced Programming in Java, Enterprise Software and Services, Machine Learning with Project, Model-Based Systems Engineering and Software Engineering Team Project.
- I've been offered the chance to continue my dissertation work and complete my master's thesis under the guidance of the department of Computational Neuroscience.

Newcastle University | BSc Computer Science | 2022 – 2025
- Overall Grade: 66%
- Bio Design and Natural Computing: 79%, Software Engineering Team Project: 76%
- Award Nominated Dissertation (Grade: 77%, Title: *Evaluating the Feasibility of Automated Lesion Masking for Normative Lesion Network Mapping*). Which I Presented to Academics and Employers.
- Member of Computer Science Society & Newcastle University Climbing Club.

Hong Kong University of Science and Technology | Summer Exchange | Summer 2024
- Studied Astrophysics and Astronomy as part of a summer exchange program.
- In my own time I studied Artificial intelligence and how to implement it into many areas of computing using the university's resources.
- Attended ChinaVis 2024, learning methods to visualize data.
- Involved myself in exchange activities and connected with people around the world.

Queen Elizabeth Sixth Form College | A-levels | 2020 – 2022
- Computer Science (Grade: A), Information Technology (Grade A*), Business Studies (Grade A*).
- Duke of Edinburgh Bronze Award.

Experience

The Saddle Rooms | Waiter / Bartender / Chef | 2022 – Present
- Working in a Michelin guide restaurant providing high quality service to customers.
- During my time I've developed time management and teamwork skills through working in high stress periods while still providing guests with premium quality experience.

The Sandpiper Inn | Waiter | 2019 – 2022
- My first introduction to a customer facing role for a Michelin guide gastropub.
- Being part of a small team developed my communication skills, dependability and reliability.

Extra-curricular

Projects
- Using the sensors from a children's toy, I was able to read electroencephalography data through an Arduino and use it to turn on and off a light.
- Using React JS I built a Notes App with HTML, and CSS front end. This is an app I use daily.

My Programming Languages
- **Proficient:** Python, Java, CSS, HTML, JavaScript, SQL, Bash.
- **Experience in**: Go, C, C#, C++.

Gosforth Rugby Club | 2024 – Present
- Played grassroots rugby with a local club throughout my final year of undergraduate and master's studies.

Six a Side Football | 2022 – Present
- Set up a football team in my first year of university and have continued to run the club throughout.