

Blaise Sheehan

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EDUCATION

University of Bristol, School of Computer Science

Graduated: June 2025

BSc Computer Science

Grade: First Class

- *Robogals Volunteering*: Volunteered to teach females in low-income areas of Bristol to program in Python.
- *Software Engineering*: Acquired private funding and NHS support to expand and continue our 1-year project into a piloted software for clinical trials, personally organising and presenting our project to seniors at AstraZeneca and oncology conferences.
- *Attainment Awards*: Highest Examination Performance across Computational Neuroscience and Computer Vision & Image Processing.
- *Dissertation*: Developed agent-based, statistical models to simulate how opinions evolve in large collections of human-beings; achieved 80/100.
- *Time Management*: Worked part-time alongside extensive studies for 16-20 hours a week at Juice Jar.

North Leamington School

A-Levels in Biology, Physics, Mathematics; A*, A*, A*.

June 2021

SKILLS

Technical: Python, SQL, Tableau, AWS Front-End Development, Microsoft Office Suite: Word, Excel, PowerPoint, Canva, Visual Code, Photoshop, TensorFlow & Machine Learning.

Soft: Empathy, Presentation, Devotion to Continual Learning, Perseverance, Problem Solving, Highly Adaptable.

Certificates & More: Google Advanced Data Analytics Certificate, Personal Data Science Projects with Python.

WORK EXPERIENCE

Program Manager, Amazon

London, UK

June 2024 - October 2024

- **Built 7 cross-team data dashboards (AWS, SQL)**: Designed pipelines/back-end to deliver live-data and key insights across various transportation teams; adopted company-wide, received praise from senior Amazon colleagues on speed and quality of delivery.
- **Created and implemented new KPI**: Developed new metric adopted for procurement & operational decisions; presented directly to senior leadership as a solo project with associated paper and presentation.
- **Technical support**: Ran daily office hours and 1:1 sessions, improving proficiency in accessing SQL/data warehouses; cutting backlog for business analysts typically responsible for this support.
- **Co-led software launch**: Automated a costly manual process entirely, cutting cost per reactive reposition of a trailer by **35%** and driving seamless integration through software 'classes' hosted by myself.
- **Enhanced forecasting models**: Improved the team's Excel-based financial regression model accuracy by 19%, implemented into OP1/OP2 planning; a self proposed and driven project.
- **Project management**: Built an **automated project-tracking system in Excel** to manage my many initiatives in parallel; pre-emptively identifying blockers, ensuring on-time delivery, and streamlining day-to-day planning.
- **Improved team technology**: Suggested and led my team's adoption of Asana for improved collaboration.

Software Project Manager, NHS

Bristol, UK

September 2023 - March 2025

- **End-to-end product delivery**: Built and deployed a **Java web app** to process patient data, automate family-history analysis, and recommend pre/post-op treatments; **cutting patient waiting times** and **improving treatment accuracy** through customer-centric design process.
- **Stakeholder investment**: Pitched product at research forums online and in-person, secured hospital interest and large pharmaceutical funding, and partnered directly with clinicians to embed real-world usability.
- **User-driven consultancy**: Conducted **surveys, prototypes, and feedback loops** with nurses/doctors, translating insights into product iterations and regularly reporting progress to key clients and rest of the team.
- **Team Management**: Established a clear development roadmap using an online Kanban board; proactively resolved interpersonal and technical blockers and consistently hitting milestones on schedule.
- **Part-time studying**: Balanced this project alongside full-time final-year studies, requiring extended time dedication and outstanding schedule balancing.