

Aishee Das

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Education

University of Edinburgh

BSc (Hons) in Computer Science

Edinburgh, UK

Sep 2021 – Present

- Predicted: First Class Honors
- Relevant Modules: Software Engineering, Computer Security, Computer Communications and Networks, Operating Systems, Mobile Robotics, Data Structures and Algorithms, Computer Systems, Entrepreneurship and Innovation, Data Science.

Experience

Amazon

Software Development Engineer Intern

London, UK

Jun 2024 – Aug 2024

- Developed a **Linear Detail Page** for Prime Video, providing a central platform for users to discover and engage with content related to various stations using technologies such as **React**, **TypeScript** and **Spring Web MVC** framework (Java).
- Collaborated with UX designers and used **Figma** to translate mocks into design documents and technical implementations.
- Optimized development and deployment processes using **CI/CD pipelines** and **Docker** for automation and containerization.
- Participated in daily stand-ups, sprint planning, and code reviews, adhering to **Agile development** practices.
- Gained valuable exposure to **Amazon's leadership principles**, applying them to both project execution and teamwork.

Vitec

Software Engineer Intern

Dunfermline, UK

Jun 2023 – Aug 2023

- Transformed data stored within Python scripts in complex formats to a more accessible and efficient SQLite database.
- Consistently met and exceeded sprint objectives, efficiently managing tasks and timelines using **Jira**.
- Used **React** to diagnose and resolve multiple bugs, significantly improving webpage functionality and user experience.

The University of Edinburgh

Learn Foundations Student Intern

Edinburgh, UK

Jun 2022 – May 2023

- Aided in the systematic migration and mapping of educational content and carried out accessibility checks of a wide range of courses improving course accessibility for 500+ students.
- Participated in a **user study** for the Learn Ultra project, delivering critical feedback and insights to improve the user experience and functionality for the central learning web page.

Caledonia Tutors

Mathematics Tutor

Edinburgh, UK

Aug 2022 – Present

- Provide personalized tutoring to students in **Higher and Advanced Higher Mathematics**, adhering to the **SQA curriculum**.
- Exhibit **time management** skills by efficiently balancing multiple tutoring sessions with my own academic responsibilities.

The University of Edinburgh

Informatics Tutoring Scheme Volunteer

Edinburgh, UK

Nov 2021 – May 2022

- Engaged in a voluntary initiative, providing dedicated support to Scottish high school students in **Mathematics**, aiming to boost their academic performance and confidence.
- Developed leadership skills by organizing and leading structured study sessions.

Recent Projects

- **HoloSign**: Developed a product integrating holographic technology to translate text into British Sign Language (BSL) images, promoting inclusive education for children.
- **Drone Delivery**: Implemented a Java-based pathfinding algorithm for a drone delivery simulation.

Awards

- Industrial Cadet Gold Award in Engineering Education Scheme.
- Edinburgh Award.