

SEBASTIAN SHEARER

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Profile

Driven, creative computer science student with a passion for software engineering, building relationships, teamwork, and innovation. I am an aspiring Software Engineer seeking to learn new skills and kickstart my career through a placement opportunity starting in 2023.

Education

Loughborough University

Loughborough, UK

Computer Science and Artificial Intelligence BSc (Hons)

Expected Sept 2025

- **Courses:** OOP in Java, Algorithms, Web Development, Databases, Software Engineering, Logic.
- Achieved an overall average of **82.9%** in first year. Expected final grade: first.

St Johns College

Johannesburg, South Africa

- Graduated with four distinctions and an overall final average of **80,3%**.

Jan 2008-Dec 2020

- Achieved **94%** in Core Mathematics and 72% in Advanced Programme Mathematics.

Projects

Team Software Development Project

Loughborough University – Team Projects module

- Currently collaborating with my team at university in developing a web application based off a client's specification letter by following the software development life cycle.
- Accurately captured the user and system requirements, and designed use case and sequence diagrams.
- Collaborating with my team is further developing my teamwork and software development skills.

Personal Website

Extra Curricular

- Created and hosted a personal website using JavaScript, HTML, CSS, and GitHub.
- Designing and coding this website in my own time further advanced my web development skills.

Object-Oriented Programming

Loughborough University - Coursework

- Designed a class diagram to model my application which further developed my understanding of the processes behind software engineering, as well as improving my UML class diagram design skills.
- Implemented OOP methodology, user validation and a GUI to create a multi tab functioning shopping application which writes to and reads from data stored in text files (achieved a mark of **87%**).

Web Development

Loughborough University - Coursework

- Created a functioning 'wedding venue finder' website using SQL, PHP, JavaScript, HTML and CSS which connected to a database after accepting validated user input to display available wedding venues.
- Acquired skills in jQuery and Ajax along with further advancing my understanding and skills in SQL.

Skills

- SQL, Java, JavaScript, PHP, Python.
- Strong interpersonal communication, collaboration, time management and adaptability skills.
- Skilled in analytical thinking, problem solving, logic, and higher mathematics.

Interests

Please find above the **link to my personal website** which highlights my interests and more about me.