

# Samuel Borg

## Computer Science Student

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## Profile

I am a fourth year Computer Science student at the University of St Andrews with an interest in web design and development, and video game design and development. I have a large amount of experience in programming and in working in teams. As a result of this, I have strong problem solving, communication and interpersonal skills.

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## Work Experience

### Software Engineer Intern

*NCR Atleos, Dundee*

*May 2024 - August 2024*

- Developed a customer-facing web application in a team of two, using React for the frontend and tested code using Jest with 100% code coverage.
  - Managed the project using Agile methodologies, including a Kanban board to track our user stories, and attending daily standup meetings and weekly demos to monitor our progress.
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## Education

**University of St Andrews** - BSc (Hons) Computer Science (*Predicted 2:1*)

*September 2021 - Present*

**Relevant Modules:** Software Engineering Team Project, Logic and Reasoning, Artificial Intelligence, Data Communications and Networks, Data Encoding, Computer Systems, The Internet and the Web.

### Key Skills Developed:

- Led a team of 5 people as the Scrum Master and collaborated in a supergroup of 20+ people while using a Scrum framework.
- Developed a WikiData visualization tool in a team of 20+ people using React, Vega, and other languages/libraries.
- Created and tuned various machine learning models with scikit-learn in Python.
- Wrote detailed reports containing evaluations of my code.

### Earlston High School

*August 2015 - June 2021*

**Advanced Highers:** Mathematics (A), Physics (A)

**Highers:** Mathematics (A), Physics (A), Engineering Science (A), Chemistry (A), German (A), NPA Software Development (Pass)

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## Skills & Programming Experience

**Programming Languages & Libraries:** JavaScript, React, Jest, HTML & CSS, Java, Python, C#, C, SQL.

**Other Technical Skills:** Version control using Git/GitLab/GitHub; Agile/Scrum project management methodologies; Experience with the Unix terminal; Game development with Unity; Experience in using Microsoft Office programs.

### Programming Experience:

- Developed a financial toolkit web application using EJS, Tailwind CSS and Express in a team of 4 people as part of the Dundee University Hackathon in 2024. Our submission came first place in BlackRock's challenge.
- Developed various small games in Unity, both independently and as part of a team.
- Developed a simple Rubik's Cube solver in Java using Object-Oriented Programming principles.