

## Sam Watts

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## Profile

A driven and technically proficient second-year Computer Science student at the University of Dundee, passionate about software development, algorithms, and problem-solving, in an agile environment. Seeking to apply programming skills in a challenging internship or part-time role to gain hands-on experience, contributing to cutting-edge projects in the tech industry.

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## Education

**University of Dundee** – Dundee, UK

*BSc (Hons) Computer Science*

**September 2023 – Present**

- **Relevant coursework:** Data Structures and Algorithms, Multi-Paradigm Programming
- **Achievements:** Consistently achieved high grades in coursework, member of the Computing Society, and participated in coding challenges

**George Heriot's School** - Edinburgh

*Advanced Higher: A – Mathematics, A – Computing, B - Physics*

**Graduated: June 2022**

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## Skills

- **Programming Languages:** Python, Java, C, HTML, CSS.
  - **Web Development:** Experience with front-end technologies (HTML, CSS, JavaScript)
  - **Tools & Platforms:** Git, GitHub, Visual Studio Code, IntelliJ IDEA, Microsoft Teams.
  - **Operating Systems:** Windows, MacOS.
  - **Soft Skills:** Problem-solving, teamwork, time management, attention to detail.
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## Projects

### Pomodoro Timer

*Group Project – University of Dundee Computing Society Quackathon*

- Collaborated with a partner during a hackathon, where I took on a leadership role and implemented an agile methodology framework. This approach allowed us to break down tasks evenly, optimising efficiency while ensuring that we both contributed equally. Through this experience, I enhanced my leadership, problem-solving, and technical skills.

## **Messaging Application Front-end**

*Group Project – University of Dundee*

- Collaborated with two other students to develop the front end of a chat application using Java, utilising my knowledge of data structures and algorithms. Designed an intuitive and responsive user interface with features such as displaying messages, adding new contacts, and deleting chats. Utilised GitHub for version control and participated in regular team meetings to ensure alignment with project goals and timelines.
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## **Experience**

### **Kitchen Staff – The Old Bell Inn**

*Edinburgh, UK*

**May 2022 – Present**

- Developed strong teamwork and communication skills by collaborating with chefs to ensure smooth service in a fast-paced environment. Improved time management and prioritisation by handling multiple tasks efficiently during peak hours, ensuring the kitchen remained clean and well-organized. Demonstrated attention to detail by maintaining high hygiene standards and following strict safety protocols, contributing to a safe and efficient kitchen environment.
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## **Certifications & Courses**

- **Cyberfirst Advanced** – Edinburgh Napier University, July 2022
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## **References**

Available upon request.

**Can you give an example of a time when you worked as part of a team to achieve a goal?**

Last year, I had the opportunity to work as part of a university project team to develop the front end of a messaging application using Java and Swing. Our project required us to build a fully functional application that allowed users to manage their contacts and messages. This included features such as viewing, editing, and deleting contacts, as well as displaying conversations. Additionally, the app had to incorporate a customizable user profile. We decided to adopt an agile approach to manage the workload efficiently and meet our project milestones on time.

As the team leader, I was responsible for ensuring smooth collaboration among the team members and making sure that we were meeting our objectives. One of my primary tasks was to allocate roles based on each member's strengths and areas of interest. I also served as a point of support whenever any team member faced challenges. I regularly assisted them with problem-solving or provided alternative solutions for tasks they found difficult. My role also included overseeing the overall design and architecture of the application to ensure that the various components being developed were cohesive.

To keep our progress on track, I organized daily stand-up meetings where we discussed our goals for the day, reviewed the progress of the previous day, and identified any blockers that might prevent us from moving forward. These meetings were an essential part of maintaining open communication and fostering a collaborative environment. They also helped us practice the agile methodology by allowing us to break down large tasks into smaller, more manageable ones, and continuously refine our work.

My specific contributions to the project included designing and implementing all the graphical user interface (GUI) elements for the application. I also created the class designs that the other team members used as a foundation for their parts of the project. Throughout the development process, I provided suggestions on how to implement different features and reviewed the work of the other members to ensure consistency and quality.

By the time the project deadline arrived, we successfully delivered a fully functional messaging application that met all the specified requirements. Our work earned a mark of 141.5 out of 150, translating to an A2 grade, which was a testament to our team's ability to deliver high-quality results under tight deadlines.

This experience taught me the importance of agile methodologies in a team environment. Breaking down larger tasks into smaller, achievable goals significantly improved our efficiency and focus. Additionally, it reinforced the importance of communication, collaboration, and adaptability in ensuring a project's success, especially when working under pressure.

# Software Engineering Graduate Programme

Computing, AI, Web Development, Data, Software.

## About this programme

Creating. Coding. Delivering. Software Engineering graduates create the products used by millions of customers. We use cutting-edge tech to develop everything from Sky Glass to Sky Mobile.

If you want to be a software developer, automated tester, reliability engineer or even specialise in a specific field of expertise in the future, then this programme is the one for you.

Be behind the wheel and steer your software career in the direction you want, using our structured programme and **endless tech opportunities**.

## What you'll be doing

Our accelerated 7-month programme starts everyone in a dedicated 5-week bootcamp aimed at giving you all the functional training to get started. You'll cover learning to create clean, well-structured and efficient code, agile delivery, continuous build and integration, security principles for software development, test driven development, pipelining, deployment and much more.

Afterwards, we'll move into educational projects where you undertake a piece of product delivery that have real life implications alongside our experts. You may work on a Sky Go or Sky Glass project that looks at the way customer access the content they love, or contribute to our streaming capabilities in the UK, Europe or the United States. Or work with Gen AI or Machine Learning technologies to help drive efficiency across our business. The possibilities are endless.

We'll then add in additional training based on where your interest lies to pump you up; ready to move into a delivery team where you'll continue your career as an Associate Technologist.

Could you be in the team behind the next iteration of Sky Stream? Or Sky Glass? **Whatever your project, you'll be in the driving seat from day one.** Make an impact and get all the support you need to start your career. There's only one place you'll see action like this – and that's Sky.

## What we're looking for

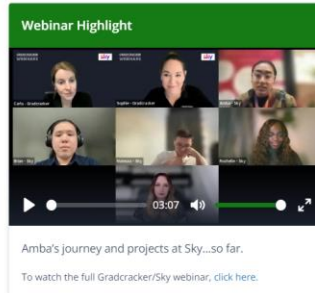
The one essential requirement is that you have or will be graduating soon. It doesn't matter what your degree is in.

Other skills we're looking for include:

- The ability to code using modern day coding languages
- Have experience creating software applications using modern-day coding languages
  - either at university, at home or in industry
- Have a real passion for software and technology
- Are a quick learner and a team player
- And are aware of agile methodologies.

## Your application journey

Step 1 – Submit your application.



## Deadline

October 27th, 2024

## Starting

September 2025

## Hiring Multiple Candidates

Yes

## Salary

£32,000 + benefits

## Degree required

All grades

## Location

Livingston (West Lothian, Scotland) (Hybrid)

Show locations on map

## Preferred Disciplines...

Artificial Intelligence

Computer Science

Data Science

FinTech

Information Technology

Robotics

Software

Systems

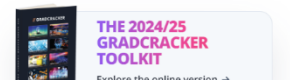
Web Development

## Also Accepting...

All STEM disciplines

NEW

For our new webinar season we are inviting students to submit questions to our featured employers. Find out more here →



## Statement on the use of Generative AI

Generative AI was used to create the headings for the CV. It was also used to create the initial text for some of the parts of the CV, but wording and content were heavily adjusted to tailor to myself and the job advert. I used AI to make my reflection reach the required word count. I also used AI to check the CV against the job advert, to see if it was a good match, and followed its advice.