

Finn Rose  
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Dundee, UK

A second-year computer science student at University of Dundee. I'm passionate about being the best programmer I can be and am always looking for ways to improve my skills. Looking for an industrial placement that will allow me to use my technical skills to make a tangible positive difference in the world.

### **Technical Skills**

- **Programming Languages:** Python, C/C++/C#, Java, JavaScript, PHP, Swift, and 6502 Assembly
- **Web Technologies:** HTML, CSS, and Bootstrap
- **Database Systems:** MySQL and SQLite

### **Education**

#### **Computer Science BSc (Hons)**

University of Dundee

September 2024 – Present

Relevant Modules: Multi-Paradigm Programming, Computing and Society

#### **SCQF 6-7 Qualifications**

A Level Further Mathematics (B) - Self-taught, assessed at RCS Haven, Glasgow

A Level Mathematics (A) - Redborne Upper School, Ampthill

Advanced Higher Computer Science (D) - Kilchuimen Academy, Fort Augustus

Higher Physics (A1) - Kilchuimen Academy, Fort Augustus

### **Projects**

#### **Introduction to Data Structures and Algorithms Group Project – Unnamed Social Media**

- Worked in the role of project manager and UI lead
- Scheduled regular meetings and unified big picture focus, leaving the specific implementations to individual members
- Created a user-friendly interface using Swing

#### **Advanced Higher Final Project – Video to ASCII converter**

Built a python-based tool that converted video files into an ASCII representation.

- Supported full motion video playback
- Integrated with YouTube servers using pytube to convert directly from a YouTube link

### **Rosebox Controllers**

My specialty controller brand for “box-style” controllers, for use with the game Super Smash Bros. Melee. Made using RP2040 microprocessors. Sold to players around the UK.

### **Work Experience**

#### **Destination Assistant**

Caledonian Canal Centre, Fort Augustus

July 2025 – Sep 2025

- Customer facing job working as part of a team running a combination café and gift shop.
- Relied upon to troubleshoot and fix any problems with the devices/machines used.

#### **Janitor**

Caledonian Hotel, Fort Augustus

3 seasons between 2023 – 2025

- Worked back-of-house every day to ensure that rooms were kept in top condition.
- Developed a system to track customers' orders to streamline the work for the wait staff and kitchen

### **Extracurricular Activities and Interests**

- I volunteer to help run various esports tournaments around Scotland
- I participated in Dundee University Computing Society’s annual Quackathon in 2024

### **References**

Sarah Sandham – Supervisor at the Caledonian Canal Centre

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Craig Ramsay – Advisor of Studies at the University of Dundee

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