

# Duncan Pringle

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I am a highly motivated second year Computer Science student with strong interest in how technology shapes our world. I'm eager to gain hands on experience with how computing connects digital and real-world processes and am excited to apply my skills in a field that can directly support real world outcomes.

## Education

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University of Dundee	<i>Currently Studying</i>
<i>BSc (Hons) Computer Science with Industrial Placement</i>	
University of Aberdeen	<i>July 2025</i>
<i>SCQF 7 Mathematics Access Course – A3 First Class</i>	
UHI Perth	<i>Sept 2023 – May 2025</i>
<i>HND Computer Science – A</i>	
<i>HNC Computer Science – A</i>	

## Professional Experience

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W.A McGarrie & Son, Lower Harbour Perth PH2 8BB	<i>2020-2023</i>
<b>Apprentice / Draughtsman</b>	
<ul style="list-style-type: none"><li>My primary role was to create technical CAD drawings based on site measured sizes, these drawings could for be for client design approval or for workshop manufacturing. This role taught me the importance of good problem solving and being able to adapt solutions to different circumstances.</li></ul>	

## Projects

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### Movie Review Website

- Created as my final project in HND, included HTML, CSS & JavaScript front end with SQL and PHP as the backend. The site allowed users to view other users content and leave reviews on it.

### Gravity / Planet Simulation

- This project was of personal interest to me, using C++ and SFML I created a 2D gravity sandbox. As well as gravity I also implemented full collision between planets, allowing them to transfer their momentum and velocity realistically. This project interested me greatly and fuelled my curiosity which I am now directing towards my studies.

### Python Discord Bot

- My first personal project, I created a discord bot to track certain stats in an online game called Torn. I coded the bot in python and used the Torn API to retrieve data, using a raspberry PI to host it. As my first project I gained knowledge in how to develop in python, and some basic Linux setup on my raspberry PI.

For more detailed information about some of these projects visit my [GitHub](#)

## Skills

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Programming Languages: **Python, C#, C++, C, PHP, HTML, CSS, SQL**

Soft Skills: **Adaptability, Curiosity, Problem Solving, Patience, Teamworking, Critical thinking, Communication**