

Jack Hilton

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Location: Dundee, UK

I am a second year student at the University of Dundee. I have always been passionate about technology and I am always ready to learn more. I love programming and learning new languages, or building on the languages I already know. I enjoy working with others and sharing ideas.

Technical Skills

Java

I have been learning Java within high school and University for four years.

Python

I started programming in Python six years ago.

C and C++

I have just begun a C and C++ module at university.

C#

I learn C# in my own time.

Web

I have been using **html** and **css** for many years and **javascript** for the last two.

Transferable Skills

Hardworking and Teamwork

These have always been core skills of mine that has been expanded on in high school and university

Problem Solving

I've always liked trying to come up with creative ways to attempt a problem

Communication and Customer Service

In my time working at Sainsburys I have gotten a lot of experience with communication within my team and talking to the public

Education

Computer Science, BSc (Hons)

University of Dundee

Sept 2023 – Present

I completed relevant modules in the first year of the degree including **Introduction to Software Development** and **Introduction to Data Structures and Algorithms**, both of using **Java**. As well I did **Mathematics**, **Unix Systems**, **Embedded Systems Development and Networking**, and **Front End Web-Development**.

I have completed group projects with other students, had to manage my time carefully when I had multiple deadlines, and solved the problems that came up in the code.

Relevant Experience

Young STEM Leader

October 2022 - May 2023

In my last year of High School I managed to achieve a Young STEM Leader Level 6 award, which involved myself and a group of peers running the Programming Club for junior members of the school. This involved preparing lessons each week, and then presenting the lessons to the students, giving them activities and supporting them with any questions and building their confidence.

Stellar Omada

June 2022

I spent a week working with Stellar Omada's test team on an internal project, which included analysing user stories, writing scenarios and test scripts and executing tests. I also got to experience the full life cycle of a project in an agile environment outside of a classroom, including design and implementation alongside testing, as well as sprints and daily scrums.

Heart of Midlothian Innovation Centre

March - May 2022, November 2022 - January 2023

Working alongside peers and industry experts, I designed, implemented and tested a digital product to improve the Matchday Experience. I needed to produce a proof of concept and pitch the idea to key stakeholders. This involved teamworking, time management and leadership as I took on the role of the team leader.

Other Experience

Sainsburys

June 2023 - September 2024

I worked a part time job at my local Sainsburys. It involved speaking to customers, as well as time management, working in a team, working under pressure and money handling.

Freelancer Writing

Jan 2022 - June 2024

While in high school I took up freelance writing. I predominantly wrote for influencers, writing video concepts and scripts for a whole range of audiences.

Extracurricular

Archery

October 2021 - Present

I enjoy shooting as it is a calming sport that helps improve my focus while also being a good way to exercise. I won second place in the national under 21s open category in 2023.

Music

2013 - Present

I play violin and guitar, having led my high school orchestra and now taking part in my university orchestra on the violin. I also am a part of the university's Traditional Scottish Music group on guitar, and auditioning for the Ceilidh Band later this year.