

J. Harrison Reed

63G Constitution Road, Dundee, DD1 1LA

Tel: 07827014091 * Email: j.harrison.reed@icloud.com

Profile

I am a dedicated computer science student with a strong foundation in Java, HTML, Python, and C. I am passionate about software development and problem-solving, with hands-on experience teaching coding to children and completing programming modules in my first year at university. I am eager to apply my skills in a professional software development environment and continue growing as a developer.

Key Skills

- **Programming:** Proficient in Java, with experience in Python, HTML, and C. Developed several university projects, including a *Snakes and Ladders* game using Java. Enhanced the game by introducing custom mechanics like teleport tiles and trap tiles, which required implementing new game logic and research.
- **Problem Solving:** Capable of identifying and solving coding issues efficiently, both in personal projects and while mentoring students at Code Ninjas.
- **Quick Learner:** Able to and eager to learn new skills and programming languages where necessary
- **Communication Skills:** Possesses the ability to communicate clearly both orally and in writing. Experienced in collaborating with teams and providing effective feedback to project leads and team members.

Volunteer and Work Experience

Fun Land, Delaware, USA

July 2023 – Sept. 2023

July 2024 – Sept 2024

Amusements Attendant (Seasonal Work)

- Managed daily operations for amusement rides, including ensuring the safety of customers by quickly troubleshooting technical issues with ride systems.
- Operated point-of-sale systems, handling large volumes of cash accurately and efficiently.
- Developed strong interpersonal and communication skills through constant interaction with customers and colleagues, resolving issues in a fast-paced environment.

Code Ninjas, Edinburgh

Sept 2022 – June 2023

Code Sensei

- Taught introductory to intermediate Java programming to students aged 7-14, using a project-based learning approach that emphasized logical thinking and algorithmic problem-solving.
- Assisted students in debugging and refining their code, fostering an engaging and educational environment that made coding fun and easy.
- Collaborated with fellow instructors to ensure lesson plans and coding challenges were followed and learning goals were met.

Shelter Scotland

Oct 2022 – Feb 2023

In-store Volunteer

- Worked behind the register taking money and ensuring the correct change was given to customers Managed the store's point-of-sale system, ensuring accurate financial transactions and assisting with inventory management
- Worked alongside the store manager to implement new organizational strategies for improving store layout and efficiency.
- Gained valuable communication skills by helping customers and collaborating with staff to enhance customer shopping experience.

Education

BSc Computer Science

August 2023 – Present

Dundee University

Advanced Highers (Computer Science, Maths)

2023

George Heriot's School

Highers (Maths, History, Computing, English, Sociology, & RMPS)

2022/23

George Heriot's School