

Ian Hunter Wood

07788279019 | ianhunterwood29@hotmail.com | British Citizen |

<https://github.com/iswoody2> | <https://www.linkedin.com/in/ian-wood-4b06111a1/>

Profile Overview

A law graduate now a driven MSc Computer Science student at the University of York, fluent in English (native) and Spanish (C2). Proficient in programming languages such as Python, Java, and SQL, and experienced in web development with technologies like HTML, CSS, JavaScript. Combining technical expertise with a sharp analytical mindset and exceptional communication skills, I excel at solving complex problems and delivering innovative solutions.

Skills Summary

-Programming Languages: Proficient in Python ('100 Days of Code: The Complete Python Pro Bootcamp in Progress') and SQL (Big Data Analytics)

-Web Development: HTML, CSS, JavaScript and actively expanding knowledge in React, Node.js, Express, MongoDB (Web Development Bootcamp in Progress)

-Software Engineering: Skilled in version control with (Git/GitHub), Debugging, and Error Handling

-Languages: English (Native), Spanish (C2 level)

-Communication: Accomplished public speaker and presenter, delivering engaging talks to university audiences and industry leaders

-Leadership: Demonstrated as a Climbing and Mountaineering Society leader, mentoring team members and organising events

-Organisation: Successfully balanced full time work alongside part-time studies, maintaining excellent performance in both areas

Education

MSc Computer Science

University of York / 2023-2025(Expected) / Predicted Merit

-Big Data Analytics (Python & SQL): Created a data pipeline for Cleaning Housing Data, efficiently extracting and updating datasets

-Software Engineering: Achieved Merit; developed expertise in Agile methodologies and project management.

-Computer Architecture & Operating System: Achieved Distinction; gained a deep understanding of system architecture.

LLB Scots Law with English Law

University of Aberdeen | (2:1)

-Dissertation, "Kessler Apocalypse' Questioning the Adequacy of international Space Law to Regulate space Debris (1:1) - Soon to be published

Coding Projects

-Matt Tebbit Musician Website (<https://matttebbitmusic.com/>)

Built a responsive website for musician Matt Tebbit using HTML, CSS and JavaScript

-Integrated social media and multimedia content to boost audience engagement

-Space Object Analysis

Analysed historical trends and timelines of space objects using Python libraries such as NumPy, Pandas, Matplotlib and Seaborn

-Data Cleaning Tool:

Developed a Python-based desktop application using Tkinter for seamless data uploading, cleaning, and analysis

Experience

Aston Bond / Paralegal

-Leveraging analytical skills developed through legal research, now the skills are used for debugging and troubleshooting code issues in software projects

-Applied attention to detail in ensuring accuracy in legal documents, now crucial to ensure accuracy and error-free coding in my programming

-Project management in coordinating multiple client matters, which I now apply to software projects organisation, timeline management and task prioritisation

Leadership & Extracurricular Activities

Academic Course Representative

University of York, Department of Computer Science

-Advocated for peers, communicated concerns to faculty, facilitated weekly study sessions, and resolved students issues, enhancing the academic experience for students

Additional Courses Taken

-**100 Days of Code: The Complete Python Pro Bootcamp** (In Progress): Building daily proficiency in Python with real-world project completions

-**The Complete 2024 Web Development Bootcamp** (In Progress): Gaining front-end and back-end skills (HTML, CSS, JavaScript, React, Node.js, Express, MongoDB) and hands-on experience with Git/GitHub and Agile methodologies (Scrum).

