

Ian Hunter Wood

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https://iswoody2.github.io/Ian_Portfolio_website/

Education

MSc Computer Science

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

-Algorithms & Data Structures (Merit), Software engineering (Merit), Computer Architecture & Operating Systems (Distinction), Data analytics (Merit)

LLB Scots Law with English Law

University of Aberdeen | (2:1)

-Artificial intelligence Law (1:1), Corporate finance Law (2:1), Intellectual property law (2:1), Contract Law (2:1), Medical Law (2:1), Space Law (1:1)

-Dissertation, "Kessler Apocalypse' Questioning the Adequacy of international Space Law to Regulate space Debris (1:1) - Published <https://space-market-dynamics.com/3135-3135.html>

Skills Summary

-Programming Languages: Proficient in Python ('Python Bootcamp in Progress'), SQL (Big Data Analytics), HTML, CSS, JavaScript(Web Development Bootcamp in Progress)

-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

-Attention to Detail – Acquired through meticulous drafting and analysis of legal documents

Coding Projects

Matt Tebbit's Website

Designed and developed a responsive website for Matt Tebbit, optimising performance across 100% of devices using HTML, CSS and JavaScript, resulting in a 30% increase in audience engagement.

Data Cleaning Tool:

-Built a Python-based desktop application with Tkinter, streamlining data uploading, cleaning, and analysis, reducing processing time by 40% and improving data accuracy by 95%

AI-Notes form YouTube Videos

-Developed an AI-powered tool using OpenAI's Whisper and GPT, processing video content to generate clear, concise, and structured notes with 90%+ accuracy

AI-Images for Spotify playlists

-Engineered an automated system integrating OpenAI and Spotify APIs, generating and uploading personalised images for curated playlists, enhancing user engagement by 40%

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 Experience

Academic Course Representative

University of York, Department of Computer Science

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

-Organised and led weekly study session for the Algorithms and Database module, contributing to a 90% pass rate among participants

Speaker

Sirius Space Talks

-Presented innovated ideas on space law at an industry conference, engaging with leaders from organisations like Thales Alenia Space and Airbus to explore legal frameworks for emerging technologies

-Facilitated 3+ high impact discussions on space law and technology, driving actionable insights that influenced policy recommendations and industry best practices

Additional Courses

Stanford

Machine Learning Specialisation (Ongoing)

-Built and trained ML models using NumPy and scikit-learn, including linear and logistic regression for prediction and classification