Charlie Selmes

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SUMMARY

Accomplished student with extensive expertise in web and software development, proficient in Python, Java, C#, Rust, and C++. Demonstrated competency in Selenium WebDriver, delivering robust and efficient solutions for clients. A fast learner who is ready for a challenge.

EXPERIENCE

Programmer, 04/2024 - 09/2024
Self Employed - Cambridge, Cambridgeshire

- Completed 23 programming tasks on Fivver for multiple customers
- Worked on 18 personal projects
- Coded in multiple languages like C#, C++, Python, Java and RUST
- Built robust software solutions to meet client requirements

Teaching Assistant – After School, 09/2022 - 03/2023
Hills Road - Cambridge, Cambridgeshire

- Improved student engagement
- Assisted in lesson planning
- Supported classroom teacher with coding tutorials
- Provided additional 1 on 1 support to students

Junior Programmer, 01/2021 - 07/2021
Matt - Cambridge, Cambridgeshire

- Developed software for amazon for use on their warehouse sites
- Tested code for bugs, ensuring seamless product launch
- Effectively used the RUST programming language to develop a live product
- Collaborated on git to ensure software to up to date for all participants

Waiter bartender, 01/2020 - 09/2020
Chilford Vineyard - Cambridge, Cambridgeshire

- Provided tasting experiences and waiting services for customers
- Prepared wine tasting glasses
- Ensured clean working environment with meticulous attention to detail and hygiene standards
- Managed cash register effectively, ensuring accurate transaction processing
- Washed and cleaned cutlery and glasses

SKILLS

- Web Development
- Software Development
- Python
- Java
- C#
- Rust
- C++
- Selenium competency

EDUCATION

Bachelor of Science : Computer Science, 10/2024
Sheffield University - Sheffield
Expected Grade: First Degree

Extended Project : Chess AI – A*, 05/2023 **Hills Road Sixth Form College** Cambridge

A-Levels : Maths - A, 05/2023 **Hills Road Sixth Form College** Cambridge

A-Levels : Computer Science - A, 05/2023 **Hills Road Sixth Form College** Cambridge

A-Levels : Business - A, 05/2023 **Hills Road Sixth Form College** Cambridge

ACHIEVEMENTS

- LLM x LAW Cambridge University Hackathon Competitor
- Global Engineering Challenge Winner
- Hack Sheffield 8 Competitor
- Leet Code Bi-Weekly Contest Competitor
- 115 wpm average type speed?
- Bronze DofE

HOBBIES AND INTERESTS

•Climbing

•Programming

•Football

•Running

•Chess

•Debating

PROJECTS – need to pad out and explain most

Fully Functional Chess AI

Sudoku Solver and Creator

Show My Home Work Alexa API bot

Live Video Profanity Censorship Program

MMA TEPA divergence trading bot
Ant Colony advanced simulation

Arbitrage Betting Software

Amazon Best Price Finder

Get Image Discord Bot

Online odds scraper

Website AI penetration tool (working on now)

Scrabble AI

Sorting Algorithm Visualizer

My personal Website