

Freddie Ray Crumpton

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CAREER OBJECTIVE

First year computer science undergraduate with a strong foundation in software development, data structures/algorithms, and collaborative project experience. Eager to apply the theoretical knowledge and hands on experience gained through academic projects to solve real world problems within the workplace.

EDUCATION

Aston University
BSc in Computer Science

Expected Graduation: Summer 2028

Barr Beacon Sixth Form
Computer Science: C
*Information Technology: Distinction**
Business Studies: Distinction

Graduated: June 2024

TECHNICAL SKILLS & INTERESTS

- **Languages** *Python, C, C#, JavaScript, Java, HTML/CSS, Django, GDScript, SQL*
- **Technologies** *Linux, Git/GitHub, Docker, AWS, Figma, Godot, Unity, Nginx*
- **Interests** *Travelling, MMA, Basketball, Artificial Intelligence, Software Development*

PROJECTS

Ordo: A Personal Management App

- Ordo allows users to set, edit, and delete tasks, goals, and habits, all managed through an intuitive dashboard interface with a live calendar.
- I have hosted Ordo via AWS, the specific services being EC2, S3 and RDS.
- The backend is powered by Django and is backed by either SQLite or PostgreSQL, depending on the deployment environment, to store user data securely and efficiently.
- HTML, CSS, and JavaScript have all also been incorporated to create a responsive and functionally designed frontend.
- I managed this project's analysis, design, development, and evaluation/testing stages through making a comprehensive waterfall lifecycle plan.

WORK EXPERIENCE & VOLUNTEERING

Pertemps Recruitment Agency
Temporary Work Experience

Jul. 2023 – Aug. 2024
Harborne, Birmingham

- I gained critical experience and learned about their IT systems and databases containing 1000s of user profiles, allowing me to comprehend how relational databases are actively used in real-life company scenarios.
- Able to design and develop unique visual graphics and posters for upcoming events as part of their social media department.
- Developed my knowledge about RM and Job finding management systems by exploring the multitude of sectors within Pertemps.

Crumpton Clean
Window Cleaner/Invoice Manager

Sep. 2021 – Present
Birmingham

- Dealt with paperwork and invoices for the business, monitoring costs from over 10 housing businesses/associations. This was completed over multiple years.

- Developed an efficient cleaning schedule that allowed for thorough cleaning of all areas of the building in less time. This role made me relish the quality within my work.

The Old Horns

Apr. 2023 – May. 2024

Bar Staff

Great Barr, Birmingham

- Managed the stock of bar supplies and had to gauge what areas needed attention for restocking.
- By maintaining a safe and secure work environment, this role allowed me to be comfortable and confident in a fast paced, customer centric environment.
- Kept a punctual and formal attitude, always being present on shift and/or when the team required staffing.