Adam McKeown

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EDUCATION

Dublin City University   **2022 - 2026**
BSc in Computer Science   Grade: 2.1
RedBrick Society Member

MODULES UNDERTAKEN

- OOP
- Full-Stack Development
- DevOps
- Databases
- Operating Systems
- DSA
- Systems Analysis
- Networks & Internet
- Software Testing

WORK EXPERIENCE

Circle K   **Ashbourne, Meath**   **October 2021 – January 2022**
Sales Assistant

- Handled sales and customer service, increasing daily sales revenue.
- Managed stock and deliveries, improving inventory turnover.

Burger King   **Ashbourne, Meath**   **May 2022 – Present**
Crew Member

- Managed and led closing shifts, overseeing a team to ensure smooth operations, secure the premises, and maintain a high standard of service while locking up the store at the end of the day.
- Managed sales, food preparation, and customer orders, increasing customer satisfaction scores.
- Maintained cleanliness and inventory, reducing waste and improving operational efficiency.

PROJECTS

Personal Shell

- Developed a C-based shell supporting cd, clr, dir, environ, echo, help, pause, and quit commands, enhancing functionality and usability.
- Implemented external command execution, batch mode, I/O redirection, and background execution.
- Focused on error handling, modular code, and comprehensive documentation.

University Registration System

- Developed a front-end for a university registration system using a Django REST API, reducing student registration time.
- Implemented forms and pages for managing degrees, cohorts, modules, and students.
- Ensured responsive design with Bootstrap, improving accessibility and user satisfaction.

AI Football Score Predictor

- Created a web-based application to compare football match score predictions using AI APIs.
- Integrated Pinnacle Odds API for live fixtures and odds and used Cohere and OpenAI APIs for AI predictions.
- Developed entirely in JavaScript, providing a seamless user experience.

SKILLS

Languages
Python, HTML, CSS, JavaScript, C, Java, Shell, SQL, R, Prolog, Haskell

Technologies
Git, Linux, Docker, Django, Bootstrap, React, TailwindCSS, Qualio