Adam McKeown
B.Sc. Computer Science (COMSCI)

Ashbourne, Meath
mckeownadam194@gmail.com
LinkedIn | GitHub

Third Level Education

2nd Year Results:

Subject	Result (%)
Full Stack Development	89
Systems Programming	83
Introduction to DevOps	80
Introduction to Databases	78
Systems Analysis	59
Computer Programming 4 (OOP)	57
Operating Systems	56
Software Testing	55
Probability & Statistics	52
Computer Programming 3 (Data Struct. & Alg.)	48
Logic	47
Linear Algebra	43
2nd Year Overall Result	**2.1**

IT Skills & Projects

<u>IT Skills</u>

- **Languages:** Python, Java, JavaScript, C, R, Prolog, Haskell.

- **Front-end Development:** HTML/CSS, React, Django, Tailwind, Bootstrap.

- **DevOps:** Shell-scripting, Docker, Git, GitHub, GitLab.

- **Operating Systems:** GNU/UNIX, Windows.

- **Databases:** SQL.

- **Software Testing:** Qualio, Simpler QMS.

<u>IT Projects Completed</u>

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.

Pizza Ordering System in Django:
- Created a system with user registration, login, order creation, and delivery details, increasing order processing efficiency.
- Used Django admin for managing pizza options, simplifying management tasks.
- Designed a responsive UI with Bootstrap, enhancing user experience and mobile compatibility.

University Registration System Front-end in React:
- 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.

Work Experience

Circle K, Ashbourne, Meath
Sales Assistant (October 2021 - January 2022)
- Handled sales and customer service, increasing daily sales revenue.
- Managed stock and deliveries, improving inventory turnover.

Burger King, Ashbourne, Meath
Crew Member (May 2022 - Present)
- Managed sales, food preparation, and customer orders, increasing customer satisfaction scores.
- Maintained cleanliness and inventory, reducing waste and improving operational efficiency.
- 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.

Interests/Awards & Achievements

- Active member of RedBrick, DCU's Computing and Network Society.
- Won player's player of the year for local football team.
- Participated in 5km runs.
- Regular gym-goer, maintaining a consistent fitness routine.
- Volunteer work for local charities, contributing to community events and fundraising efforts.

Referees

Available on request.