

Jordan Buckley

Jordanbuckleycork@gmail.com | LinkedIn.com/in/jordan05 | 0894476856
<https://github.com/JordanBuckleyGit>

Professional Experience

Webmaster

UCC ACM Student Chapter

September 2024 – Current

- Built and maintained the chapter website using modern frontend and backend tools (HTML, CSS, JavaScript, Flask).
- Designed and deployed scalable server infrastructure; documented architecture for future scalability.
- Promoted hackathons sponsored by NGINX, F5, Insight, Keelvar, NetApp, and Cadence via targeted website updates and social media coordination.
- Boosted traffic and engagement by ensuring strong web presence and continuous performance monitoring.

Link - <https://jordanbuckleygit.github.io/ACM-Server/>

IT/System Administration Intern

Cork College Of FET

January 2023 – February 2023

- Diagnosed and resolved hardware issues; assisted in deploying computer hardware across the campus.
- Developed automated scripts for Windows 10 devices to enhance operational efficiency.
- Utilized Windows Deployment Services (WDS) and Microsoft Deployment Toolkit (MDT) to deploy Windows OS to 100% of all college devices, ensuring smooth integration..
- Created programs in C# and scripted solutions in PowerShell for system management and task automation.

Education

University College Cork - Computer Science (CK401)

Sept 2024- Sept 2028

Grade - 1.1 First Class Honors (Among the top performers in the year)

Core Modules (1st Year) :

- Calculus.
- Introduction to Programming.
- Web Development.
- Databases.
- Foundations Of Computer Science.
- Systems Organisation.
- Computer Hardware Organisations.

Projects

Movie DNA | Python, Flask, Jinja, CSS, JavaScript, SQLite

Built a Flask-based web app that provides personalized movie recommendations using collaborative filtering. Features include user authentication, responsive UI, and a custom recommendation engine.

Link - <https://cs1.ucc.ie/~jb42/cgi-bin/ca1/run.py>

My Portfolio | Tailwind CSS, React.js, JavaScript, HTML

Developed a responsive portfolio website using React.js, Tailwind CSS, JavaScript, and HTML to showcase skills, education, achievements, volunteering, and projects with a focus on clean design and UX. Implemented smooth animations and motion effects with React to create an engaging interface. Used reusable components for maintainability and deployed the site via GitHub Pages, managing version control with Git. Link - <https://jordanbuckleygit.github.io/my-portfolio/>

Java Car Program | Java, OOP

Created a vehicle management system using object-oriented programming in Java. The program includes classes for Vehicle, Car, and Bus, with features like fuel calculations, passenger capacity, and basic vehicle information.

Black-Scholes Option Pricing Model | Python, Streamlit

Built an interactive Streamlit web app to visualize and analyze European call and put option pricing using the Black-Scholes formula. Features include dynamic price calculations, payoff and P&L charts, heatmaps based on spot price and volatility, and downloadable PDF reports summarizing results. Link - <https://black-scholes-opt-price.streamlit.app/>

Skills

Languages: Python, C++, Java, HTML/CSS, SQL, Javascript, Bash

Frameworks: React.js, Flask, SQLite, Node.js, Tailwind, Streamlit

Libraries: Pandas, NumPy, Scipy, Seaborn, Matplotlib, TKinter, Jinja, React Router, JSON

Interest: Competitive Programming, Guitar, Chess, Gym and Football.