

Kaushal Sambhe

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Education

Bachelor of Science, Computer Science

Dublin City University – Ireland, Dublin.

Expected Graduation: May 2026

Courses: Data Structures & Algorithms, Java OOP, Web Design, Operating Systems, Intro to Devops, Full Stack Developmental

Activities: Member of Redbrick

Achievements: First year - Rank 18, Second Year - Rank 10

Technical Skills

Programming Skills: Java, JavaScript, Python, C, SQL, Prolog

Technologies: Git, HTML, CSS/Bootstrap, Node JS, React JS, Django, R, Shell

Projects

Automated iPhone Purchase Bot | Javascript, Node JS, Puppeteer JS | [GitHub](#)

July 2024 - Aug 2024

- Developed a web automation script using Puppeteer and Puppeteer Stealth Plugin to automate the process of purchasing an iPhone 15 Pro on the Apple website.
- Implemented various web scraping and DOM manipulation techniques to navigate through the website, select product options, proceed to checkout, insert payment details and order the iPhone
- Ensured the bot could handle page load times and dynamic content, improving reliability and efficiency.

Custom Shell | C, Makefile, Git, Gitlab | [GitHub](#)

Feb 2024 – Mar 2024

- Designed and implemented a simple command line shell in C, incorporating internal commands, batch mode processing, and I/O redirection.
- Ensured the shell's functionality included background execution and environment management, providing a robust user interface for Unix systems.
- Created a comprehensive user manual, detailing usage instructions and system concepts, supported by references to peer-reviewed sources.

Amazon Stock Discord Bot | Javascript, Node JS, HTTP Requests | [GitHub](#)

May 2023 - Jun 2023

- Developed a stock monitoring model using JavaScript and Node.js to track high-demand Amazon products.
- Utilized the Got library for efficient handling of HTTP requests to detect stock availability.
- Created a Discord-based notification system that significantly improved user response time by alerting consumers when scarce items came back in stock.

Experience

Dublin City University CS Teaching Assistant | Ireland, Dublin

Sep 2023 – Dec 2023

- Helped students with simple programming concepts for the module **Computer Programming 1 (Python)**.
- Learned to better explain technical concepts..
- Uploaded my sessions to YouTube to help all future students (1000+ views).