Joshua Sunil Mathew

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Education

Technological University Dublin, BSc in Computer Science - Infrastructure   September 2022 – June 2026

- GPA: 3.5/4.0
- **Coursework:** Computer Programming, Operating Systems, Networking, Web Development, Software Engineering, Microprocessors, Algorithms

Experience

Sales Assistant - Checkouts Department, SuperValu – O'Ciobhain's SuperValu,   October 2022 – Present
Swords, Co. Dublin

- Accurately scanned products and services, verifying correct pricing and efficient checkout for all transactions
- Collected payments via cash and credit, via till operation in a dynamic work environment
- Managed approximately 50-75 customer transactions with every shift - ensuring the best customer experience
- Aides customers with the operation and Facilitated the maintenance of the Self-Checkout systems
- Authorized to process any refund / return transactions in accordance with the relevant store policies
- Ensured that product displays are fully stocked and ready for purchase

    Soft Skills: Retail, Communication, Team-Work

Projects

Python Terminal Adventure Game - Cult of Shadows

November 2024

- Developed, A text-based game, team project created as part of the Object Oriented Programming Module
- Achieved a 94% team-grade overall
- Leveraged the PyGame Library for background audio during certain segments of the game
- Managed the design and style of the opening introductory level.

    Tools: Python, Pygame, Github, Pycharm

Java Search Engine

April 2024

- Designed and created a Java Application that utilizes Object Oriented Programming principles to create a searching system for a set of .txt files within a selected directory
- Obtained a 75% individual grade overall

    Tools: Java, Java Swing, Eclipse IDE, Github

Restaurant Website - Not KFC

April 2024

- Developed a sample restaurant website with ordering functionality, with a working user authentication system and database manipulation functionality **Tools: HTML, CSS, PHP, PHPmyAdmin, XAMPP**

Certifications

- Cisco Certified Network Associate - Intro to Networks
- Cisco Certified Network Associate - Switching, Routing and Wireless Essentials
- Cisco Certified Network Associate - Enterprise Networking, Security and Automation
- Cisco - Intro to Cyber Security

Additional Experience

August 2024
Amazon Campus Summer Series

Selected to attend an invite only webinar to gain insight about software development, career development and technical pathways into working life

Technologies

Languages: C, Python, Java, HTML, CSS, JavaScript, PostgreSQL, PHP

Software: Git, Linux, UML Visual Studio Code, GitHub, PyCharm, Bitbucket, Docker, XAMPP, DBeaver