Sartaj Sidhu

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Technical Skills

Programming languages
- Python, JavaScript, Java, C, HTML, CSS, SQL

Developer Tools
- GitHub, Git, Azure, Heroku, Flask

Education

Bachelor of Commerce (Honours) - Business Administration and Computer Science Co-op | University of Windsor | Sep 2020 – Aug 2024
- Relevant Courses: Java Object Oriented Programming, System Programming, Data Structures and Algorithms, Database Management, Intro to Software Engineering, Computer Networks
- Awards: Dean's Honour Roll

Projects

Zip to PlaylistBot | (GitHub) | Aug 2022 – Sep 2022
- Developed a discord bot with Node.js
- Retrieved mp3 file names within a Zip
- Created a playlist with Spotify API and file names
- Informed user how many songs weren't found

Price Alerter | (GitHub) | Dec 2021 – Jan 2022
- Developed a web application using Python with Flask and Bootstrap
- Scraped product names and prices from multiple stores using Beautiful-Soup library
- Implemented email library to alert the consumer the product has reached their desired price
- Hosted web application with Azure

TCG Sheets Tracker | (GitHub) | Sep 2021 – Nov 2021
- Developed a web application using Python with Flask and Bootstrap
- Accessed Google Sheets and Challonge APIs to retrieve Challonge tournament results then place them onto the desired Google Sheet
- Implemented error tracking and safety checks to ensure correct inputs
- Hosted web application with Azure and Heroku

Mario Remake | (GitHub) | Feb 2020 – May 2020
- Developed a remake of the classic Super Mario with Java using object-oriented programming
- Implemented object-oriented principles to create menus, characters, and coins
- Created masks for the 3 maps of each separate level
- Front end was implemented using Java GDX graphics library

Work Experience

Material Management Technician | Royal Canadian Navy | HMCS Hunter | May 2022 - Sep 2022
- Constructed orders, returns, loans, and exchanges within DRMIS (SAP) of Canadian Forces kit for 117 members at HMCS Hunter
- Innovated annual stocktaking procedures using Excel and increased efficiency by 30 percent
- Completed initial issues of 15 onboarding recruits required kit for basic training
- Trained lower rank material management technician on complex DRMIS transactions