# Sartaj Sidhu

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## Technical Skills

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

**Technologies/Frameworks**
- GitHub, Git, Azure, Heroku, Flask, Oracle, Node.js

## Education

**Bachelor of Commerce (Honours) - Business Administration and Computer Science with 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

## Experience

**Software developer intern | Greenshield | Sep 2023 - Dec 2023**
- Crafted detailed onboarding documentation and Azure Virtual Desktop setup procedures, enhancing the ramp-up experience for new hires
- Developed 28 robust adjudication rules in C++ to meet the specific needs of a new client
- Utilized Azure DevOps for sprint task organization and pipeline deployments, and managed source code and collaboration through Git
- Prioritized and resolved high-impact production support tickets, ensuring critical system functionality and achieving a 100% issue resolution rate within targeted response times

**Senior material management technician | Royal Canadian Navy | HMCS Hunter | May 2023 - Sep 2023**
- Supervised a team of three junior material management technicians, overseeing their daily tasks and contributing to their professional development
- Constructed orders, returns, loans, and exchanges within DRMIS (SAP) for 176 members at HMCS Hunter
- Innovated annual stocktaking procedures using Excel and increased efficiency by 40%
- Completed initial issues of 30 onboarding recruits required kit for basic training

**Software developer intern | Greenshield | Jan 2023 - May 2023**
- Actively participated in all Agile ceremonies, including sprint planning, daily stand-ups, backlog refinement, and sprint retrospectives
- Formulated comprehensive reports for business stakeholders utilizing Oracle PL/SQL
- Attended to heat support tickets, performing thorough claims tracing and debugging
- Updated and enhanced 6 adjudication rules to align with new client standards and improve efficiency

## Projects

**Zip to PlaylistBot | (GitHub) | Aug 2022 – Sep 2022**
- Developed a Discord bot using Node.js that converts ZIP files containing MP3 files into Spotify playlists, using Spotify's Web API for seamless integration.
- Utilized node-fetch for server-side retrieval of ZIP files from Discord messages, bypassing the need for local file storage
- Incorporated error tracking to inform users of any tracks not found on Spotify, maintaining transparency and user engagement

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