



Technical Skills

Languages: C++, C, Python, Java, JavaScript, R, HTML/CSS, Racket, ARM Assembly, SQL

Tools/Environment: Excel, Unix/Linux, Git/GitHub, VS Code, Jenkins, IntelliJ, RStudio, Jupyter Notebook, Node.js, Okta

Frameworks/Libraries: React, JUnit5, Unittest, Valgrind, Java Swing, Matplotlib, ChartJS, Vite, Ansible, Docker

Technical Experience

Data Analyst Intern | Python, Web scraping, REST API

July - Sept 2022

Coca Cola Company

- Increased customer engagement by **55%** by scraping data from the web using Python BeautifulSoup and Google Search API to identify underrepresented audiences
- Consolidated marketing data by normalising **130,000+ data points** to reduce redundancies and minimise entry errors
- Elevated intra-organization communication by **debriefing** executives about the project via a slide-show presentation

Full-stack Developer | React, PHP, Oracle DBMS, SQL, Data Normalization

Sept 2023 - Present

Musicultured

- Engineered a dynamic front-end interface using React and CSS, enabling users to interact with playlist, songs and friends
- Enabled full-stack performance by pairing **PHP** and **Oracle SQL** database on **API** endpoints, ensuring efficient data retrieval
- Facilitated team collaboration and **CI** by implementing robust version control with **Git** in a 4-member team

Game Developer | Java, JSON, JUnit5, OOP

Oct - Dec 2022

WizardsVsZombies

- Reduced **coupling** and increased **cohesion** via utilization of **UML diagrams**, **inheritance** and design patterns such as **Singleton**, **Observer** and **Iterator**
- Implemented 6 user-stories through the **agile scrum development methodology** consisting of 5 two-week sprints
- Ensured test-driven development by deploying **unit and integration testing** across all methods and modules using **JUnit 5**

Python Developer | Python, Data Visualization, Matplotlib, Unittest

Nov - Dec 2021

Music Data Visualizer

- Successfully plotted how average popularity of songs given proposed tempos changed throughout time via exploitation of **sorting** and **filtration algorithms**
 - Effectively **parsed CSV file** with 8,000+ data points into mutable list of song objects, accounting for null field values
 - Applied **unit and integration testing** across visualizer functionalities within various cases via python testing framework **unittest**
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Other Experiences

President/Founder, AMS Volleyball Club at UBC | Vancouver, Canada

Dec 2021 - Present

- Garnered **150+ paid members** within one year of operation by utilizing promotional resources, social media and networks
 - Established a **structured organization** by recruiting prospective internal members and discussing organizational logistics
 - Hosted paid and unpaid events for **100+ members/non-members** by collaborating with internal and external stakeholders
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Education & Achievement

University of British Columbia

Sept 2021 - May 2025

Bachelors of Computer Science and Business

Awards: International Entrance Scholarship and Outstanding International Student Award (\$100,000)

Key Courses: Data Structures and Algorithms, Software Construction, Relational Databases, Financial Modeling and Excel