

Caitlin Wu

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SKILLS

Programming Languages: Java, C++, C, JavaScript, TypeScript, Swift, Python, PHP, HTML, CSS, SQL

Frameworks and Libraries: ReactJS, JUnit, Node, Mocha, Chai, UIKit, Django

Developer Tools and Other: Git, IntelliJ, Visual Studio, XCode, Linux, REST/SOLID, Agile

EDUCATION

University of British Columbia

Sep 2019 – *Expected May 2024*

Bachelor of Science in Computer Science

Vancouver, British Columbia

- Coursework: Data Structures & Algorithms, Object Oriented Programming, Operating Systems & I/O Architectures, Software Construction
- Dean's Honour List | *Cum. GPA: 3.95/4.33 | Maj. GPA: 4.20/4.33*

WORK EXPERIENCE

SAP | Cloud Engineer Intern

May 2022 – Dec 2022

- Monitored, operated, and solved incidents within cloud services to improve systems
- Assisted development team in improving and enhancing cloud tool functionality and services
- Worked with frameworks such as Django in Python on Ubuntu
- Organized events as an event manager on the iXp Intern Committee

Jerome Outreach Society | Track & Field Coach

Mar 2018 – Jun 2018

- Coached 50 elementary school athletes in high jump, long jump, and 30m sprint

Edo Japan | Cashier

Jun 2016 – Jun 2018

- Carried out all transactions on cash register and balanced the cash drawer

PROJECTS

Data File Interpreter | *TypeScript, React, Node, Yarn, Mocha, Chai*

- Implemented a full-stack application to manage and query data files with university information
- Utilized a trie data structure to parse through EBNF based queries
- Created and connected REST endpoints from server to the front-end web application

IOS Pomodoro Timer App | *Swift, XCode, UIKit*

- Developed a Pomodoro Timer App for focused work and study for IOS users
- Implemented features using Swift's Timer and designed app infrastructure with XCode storyboards
- Designed storyboards compatible with several Apple devices

Portfolio Website | *HTML, CSS, JavaScript*

- Designed a portfolio website showcasing different projects and achievements
- Hosted website on GitHub pages

Discord Schedule Bot | *Python, JSON, Discord*

- Created a Discord Schedule Bot that can be added to a channel by users
- Implemented JSON parsing to save, schedule, and view tasks entered by all users in a channel
- Utilized Python requests and JSON load for users to gather information from several APIs

Café Menu App | *Java, JUnit, JSON, GUI*

- Implemented a café menu application with a front-end that allows both patron and personnel usage
- Utilized JsonWriter and JsonReader to save and view previously added menu items
- Added application sounds using Java's AudioSystem and tested project using JUnit Frameworks

LEADERSHIP / EXTRACURRICULAR

Prime Minister | Killarney Secondary Student Government

Sep 2018 – Jun 2019

- Elected by student body to represent the largest secondary school in Vancouver with 2000+ students
- Held meetings with clubs and administrators, presented at assemblies and hosted talent shows
- Organized events which raised \$1500+ for the local food bank