

Emilyn Sim

UBC Computer Science

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TECHNICAL EXPERIENCE & PROJECTS

WearWise Application

Feb 2023 – Apr 2023

A Cost Tracking Application

- Developed Java-based functionality to allow users to track clothing wear count over time, generating data on cost per wear by brand and item.
- Designed features using object-oriented programming principles.
- Tested with JUnit, using debugging techniques and test-driven development.
- Utilized JSON parsing skills to model data presented in JSON format.

Software Developer Intern

Jul 2021 – Mar 2022

Faster Than Light Computing

- Used BASH scripting to automate the integration of a NAC into the deployment of company services, enabling remote configuration of switches and VLANs.
- Created a solution for tech support to approve devices into VLANs remotely and configure ports to the connected device automatically improving support efficiency.
- Worked under the guidance of a senior developer and network administrator, gaining knowledge in network administration, software development, and collaboration through confluence.

TECHNICAL SKILLS

Languages: Java, JavaScript, BASH, HTML, CSS, Racket, C++, C, PHP, R

Development Tools: Git, IntelliJ, VSCode, JUnit, Confluence, Adobe, ReactJS, Swing, Excel, Oracle

EDUCATION

University of British Columbia

Sept 2022 – Present

Bachelor of Computer Science

- **Relevant Courses:** Intermediate Algorithm Design and Analysis, Basic Algorithms and Data Structures, Software Construction, Systemic Programming Design, Models of Computation, Introduction to Computer Systems, Introduction to Relational Databases
- **Hackathons:** cmd-f by nwhacks

Simon Fraser University

Sept 2015 – May 2021

Bachelor of Arts - Communication Major

COMMUNICATIONS EXPERIENCE

Communications Committee Lead

Jan 2021 – April 2021

Skoden Indigenous Film Festival

- Oversaw the work of the committee and created new communications strategy increasing engagement across digital platforms by at least 200%
- Managed digital platforms and created digital media assets using Adobe Creative Suite

Communications Intern

Sept 2019 – Aug 2020

Simon Fraser University

- Managed social media accounts and increased engagement by at least 200% through implementing strategic audience research