Emilyn Sim

UBC Computer Science Student

 www.github.com/em-il-yn   www.em-il-yn.github.io

Vancouver BC
esim01@student.ubc.ca
250 463 3294

TECHNICAL SKILLS

Languages:
- Java
- BASH
- HTML
- CSS
- ReactJS
- BSL

Technologies:
- Git
- Intellij
- VSCode

TECHNICAL EXPERIENCE

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 and streamlining the deployment process.
- Created a solution for remote tech support to approve devices to different VLANs and configure switches, improving support efficiency and reducing manual effort.
- Researched and evaluated various methods of authorization into VLANs, optimizing network access control and improving network security.
- Worked under the supervision of a senior developer and network administrator, gaining knowledge in network administration, software development, and team collaboration.

TECHNICAL PROJECTS & EXTRACURRICULARS

WearWise Application   Feb 2023 — Apr 2023
A Cost Tracking Application
- Developed Java-based functionality to allow users to track clothing cost and wear count over time, generating data on cost per wear for clothing and brands.
- Designed and implemented features using object-oriented programming principles.
- Troubleshot issues in the codebase using a debugger and tested classes with JUnit tests, demonstrating proficiency in debugging techniques and test-driven development (TDD).
- Utilized JSON parsing skills to model data presented in JSON format.

Hackathon: cmd-f by nwhacks   Mar 2023
UML Diagram Study Tool
- Developed an interactive study tool for computer science students using ReactJS
- Worked collaboratively with a team to design and implement a user-friendly interface

EDUCATION

University of British Columbia   Sept 2022 - Present
Bachelor of Computer Science

Simon Fraser University   Sept 2015 - May 2020
Bachelor of Arts - Communication Major

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COMMUNICATIONS SKILLS

Technologies:
- Adobe Photoshop
- Adobe Indesign
- Adobe After Effects
- Hootsuite
- Asana

Media Skills:
- Social media copywriting
- Press releases
- Graphic Design
- Video editing

VOLUNTEER EXPERIENCE

CJSF: Director at Large
Nov 2019 - Nov 2021

CJSF: Music Reviewer
Aug 2019 - Nov 2021

COMMUNICATIONS EXPERIENCE

Communications Committee Lead   Jul 2021 - Mar 2022
Skoden Indigenous Film Festival
- Ideated new branding strategy to amplify the voices of Indigenous creatives
- Oversaw digital platforms and tracked engagement statistics
- Oversaw the work of the commiĴee by facilitating weekly meetings, and maintaining multi-platform communications timelines
- Contributed to the creation of graphics and video content using Adobe Creative Suite

Communications Assistant   Sep 2019 - Aug 2020
Simon Fraser University
- Managed social media accounts and increased engagement by 4x through the use of targeted campaigns
- Formed collaborative relationships with academic advisors, faculty, campus groups, and other SFU departments
- Composed copywrite for the promotion of SFU events and opportunities across social media platforms
- Designed photo images and text resulting in raising awareness of opportunities for SFU students
- Responded to daily messages and moderated public comments made in official SFU groups
- Coordinated with SFU groups to unite resources and opportunities for students

Events Assistant   May 2019 - Sep 2019
Simon fraser University
- Redesigned social media communications strategy and executed a structured branding strategy increasing student event attendance
- Coordinated and executed event logistics for orientation programming resulting in anonymous student feedback requesting the continuation of the events I designed