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EXPERIENCE

Fortinet

May 2021 - Present

Web Developer

- Implemented numerous major features for the FortiOS web interface within the Angular frontend, C and NodeJS backend, over multiple major firmware releases
- Developed major front-end overhauls and enhancements while collaborating with UX and backend teams that have been key highlights of major firmware releases
- Spearheaded the training and onboarding of the co-op developing program bringing in new talent to the team to tackle dozens of bugs and several projects
- Maintained code quality through hundreds of bug fixes while implementing unit tests and code refactors to reduce future issues and regressions
- Received 'Rookie of the Year' award for initiative and enthusiastic work ethic

BCeDAccess Society

August 2020 - March 2021

Website and Database Coordinator

- Developed a custom CMS using Angular and GCS to deliver an accessible front-end design for organization rebranding
- Designed a web application using Angular and PostgreSQL with a custom REST API to deliver custom template emails to BC MLAs automatically, currently being used by several organizations and has delivered 5000+ emails

UBC Department of Medicine

January 2019 - September 2019

Bioinformatics Research Assistant

- Initiated the development of a MySQL database pipeline using Python to analyze and store over 5000 patient Hepatitis C DNA sequences
- Developed an application that identifies the genotype and mutations within a Hepatitis C sequence in under a second, displayed at the AASLD conference in 2019
- Lead a project that allowed for the easy alignment, analyzation, and cutting of over 1000 DNA sequences simultaneously for researchers to narrow down their research, leading to the discovery of an error in clinical genotyping

UBC Department of Computer Science

September 2018 - December 2020

Teaching Assistant

- Independently led classes of 30-40 students through course material in software construction
- Individually directed and collaborated with students through their personal projects written in Java and tested with JUnit
- Evaluated with an average of 4.7/5 on student feedback

SKILLS

Angular, TypeScript, Java, Python, React, MySQL, NodeJS, Next.js, C/C++, C#, Sass

EDUCATION

University of British Columbia

September 2017 - May 2021

B.Sc., Computer Science Major, Mathematics Minor