Tarik Eshaq

5959 Student Union Blvd. Vancouver, B.C. V6T 1K2

🌐 tarikeshaq.com ✉ tarik.eshaq@alumni.ubc.ca tarikeshaq 📱 (403) 671-3386

EDUCATION

University of British Columbia **Vancouver, BC**

Combined Major in Computer Science and Business GPA: 86% *Expected Graduation: April 2021*

EXPERIENCE

SAP **Vancouver, BC**

Software Engineer Intern *Sept 2018 - May 2019*

- Worked directly on the SAP Analytics Cloud product improving the infrastructure of the dashboards and implementing new features for it
- Capitalized on modern browser technologies like Service Workers, Worker Threads and IndexedDB to hit the application's yearly performance goal of cutting the load times to a fifth of what they were
- Wrote and unit tested a widget using React and Redux that is currently adopted as a standard for implementing other widgets across the product
- Technologies Used: Javascript ES6, React, Redux, Jasmine, Git, Jenkins, Jira, Java, Node.JS, Webpack

University of British Columbia **Vancouver, BC**

Computer Science Teacher Assistant *July 2019 – Sept 2019*

- Held and supervised labs and office hours for CPSC 213 (Introduction to Computer Systems)
- Taught students about the basics of Systems Programming, C, Assembly and the fundamentals of Asynchronous, Concurrent and Parallel programming

PROJECTS

Tic-Tac-Rust *June 2019 - Present*

- Built a Tic-Tac-Toe game manager using the Rust Programming Language
- Compiled the game manager as WebAssembly and used it on my own personal website's homepage as a fully functional Tic-Tac-Toe game
- Technologies Utilized: Rust, WebAssembly, NPM, Javascript ES6

Go-T-Chat *June 2019 – August 2019*

- Built a fully functional chat application that utilized gRPC to communicate between different users
- Containerized the application and deployed it as my own private contact me application
- Technologies Utilized: Go, gRPC, Docker

Interv-You (Academic) *May 2019 – June 2019*

- Built a full stack application that helps interviewers and applicants schedule interviews
- Technologies Utilized: Go, PostgreSQL, Javascript ES6, Next.JS, React

Elo-Pool *Nov 2018*

- Built a application that maintains an ELO based ranking for Pool and Ping Pong at SAP and used Slack's API to declare wins and losses
- Used Slack's API in order to declare wins and losses over the intern's public slack channels
- Technologies Utilized: Javascript ES6, Node.JS, Express.JS, MongoDB, REST APIs

ADDITIONAL

- A member in UBC's Capture The Flag team (UBC Maple Bacon), and UBC's Software Engineering team (Launch Pad)
- Programming Languages: Go, Rust, Javascript, Python, C, C++, Java
- Other technologies: Git & Github, PostgreSQL, MongoDB, Node.JS, Docker, Jenkins, Jira, React, Redux, gRPC, REST, Service Workers, IndexedDB