Wesley **Sequeira**

SOFTWARE DEVELOPER · BUSINESS AND COMPUTER SCIENCE MAJOR

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Skills

Programming Languages	C++ · C# · Java · JavaScript
Development Tools / Frameworks	.NET Framework · Vue.js · Git
Other	TeamCity CI · Octopus Deploy · SQL Server · Visual Studio

Internship

RBC Global Asset Management   *Vancouver, CA*
SOFTWARE DEVELOPER - OPERATIONAL & SIPP TEAM   *May. 2019 - December. 2019*

- Designed and implemented an incident communication status page to refine application health tracking using ASP.NET MVC, Vue.js and Entity Framework 6 for O/RM
- Implemented a CI/CD pipeline for the status page to quicken release cycles and easily run robust unit tests using TeamCity CI and Octopus Deploy
- Used Agile methodologies to automate the institutional investment compliance documentation process (SIPP) used by portfolio managers and risk advisors in ReactJS and .NET Framework
- Enhanced database design using defensive programming techniques in T-SQL on SQL Server
- Built API controllers for the Investment Queue application to display its dependency's states for analysis in JSON and HTML
- Improved ETL workflow through writing PowerShell scripts and using Secure Shell FTP/SFTP with the ActiveBatch IT Automation software

Projects

Transaction Load Handler

- An online simulator that sends a high volume of network requests by user input to emulate burst load transactions
- Takes advantage of containerization technology and handling requests using AWS Elastic Container Service (ECS) to run the Docker application on a scalable cluster
- Implemented an automatic load balancing (ALB) service that spins up new pods at 80% CPU capacity to reduce execution time

Stock Trading Platform

- A full stack development project monitoring a trading platform which allows clients to create a portfolio with various investments listed in the Capital IQ dataset using MySQL for the database applications
- The frontend UI application uses CSS with Bootstrap alongside PHP for the server side

Multilayer Tic-Tac-Toe

- A command line based multiplayer Tic-Tac-Toe game written in C++
- Uses the client-server model with basic socket programming

Education

University of British Columbia   *Vancouver, CA*
B.COMMERCE IN BUSINESS AND COMPUTER SCIENCE   *Sep. 2016 - PRESENT*

- Financial Accounting (85%), Statistics (85%), Intermediate Algorithms (83%)

Extracurricular Activity

Alma Investment Group   *Vancouver, CA*
CO-CHIEF TECHNOLOGY OFFICER   *Sep. 2017 - May. 2019*

- Enhanced student-run Investment club striving to achieve a deeper understanding of the securities markets and analyzing macro-economic events
- Advisor of technologies in a consultative fashion to improve research and marketing effectiveness

Royal Conservatory of Music and Arts   *Vancouver, CA*
PIANIST   *Sep. 2010 - 2017*

- Completed the Level 9 examination with distinction under the Baroque, Romantic, and Post-Modern categories
- Jazz enthusiast with a technical understanding of Ragtime and Blues genres