Brian Chan

416-832-8061
bkhchan@uwaterloo.ca
linkedin.com/in/brian-king-hei-chan
Unit 1106, 11 Oneida Crescent, Richmond Hill, ON, Canada, L4B 0A1

Summary

- Familiar with full development cycles involving designing and prototyping front end components

- Strong foundation in web design patterns and responsive design

- Practical experience working with backend developers and UX designers

Technical Skills

Languages

TypeScript, Java, C++, Python 3, C#, SQL

Frameworks/Libraries

HTML, CSS/SCSS/LESS, AngularJS, Angular 4, KnockoutJS, ReactJS, NodeJS, jQuery, Grunt, Gulp, Jasmine, Karma

Environment/Tools

Unix, Git, AWS, NPM, Android Studio

Education

University of Waterloo

Candidate for Bachelor of Applied Science in Computer Engineering – Class of 2020

Experience

Validus | Full Stack Developer   Jan – Apr 2018

- Designed and wrote a user dashboard allowing client to configure request to retrieve insurance coverage

- Wrote RESTful APIs hosted on server to return formatted session call data

- Implement JSON Web Tokens needed to perform authentication, enhancing the security of accessing APIs

Cineplex | Software Developer   May – Aug 2017

- Wrote an invoice builder from front to back end, allowing users to place advertisements play in movies pre-shows

- Redesigned and implemented a film image uploader, increased synchronization efficiency from 15 minutes to seconds

- Optimized application response time with efficient back end queries

Microsoft | Software Developer   Sep – Dec 2016

- Optimized application functions and queries efficiency by reducing load time by 30%

- Implemented a search configurable contextual help box written in AngularJS

- Wrote a set of stored procedures for search function in a MySQL database

AAFC | Web Statistics Specialist   Jan – Apr 2016

- Designed and Implemented a statistic database to optimize generate reports efficiency

- Designed AAFC internal website UI prototype components

Projects

SeaTrack – Fishackathon   Feb 2018

- Fishing port and vessel tracking app built using web API with NodeJS as backend