

# Brian Chan

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## 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, .NET

### 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 – Feb 2018

- Designed and wrote a user dashboard allowing client to configure request to retrieve insurance coverage
- Wrote RESTful APIs hosted on web server to return formatted session call data
- Implement JSON Web Tokens needed to perform authentication, enhancing the security of accessing APIs

### Cineplex | Full Stack 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

### FishTrack – Fishackathon

Feb 2018

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