

Nicholas Kwong

University of Waterloo | Bachelor of Computer Science 2020

Summary of Qualifications

Languages: JavaScript, TypeScript, C++, C, Python, HTML5, CSS3, Bash

Frameworks: AngularJS, Knockout, Durandal, Node.js

Tools: jQuery, Bootstrap, Git, Jenkins, Selenium, Grunt, Sass

Databases: MySQL

Contact

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Experience

Full Stack Developer – Accedo

Sept. 2018 – Dec. 2018

- Developed an interactive web-based editor for clients to create multi-platform video experience applications using AngularJS and Node.js
- Improved schema driven back-end performance and maintainability by refactoring legacy code
- Added Google Analytics functionality to track feature usage while maintaining codebase genericity
- Utilized Mocha and Chai to write feature test cases in line with test driven development

Software Developer – OANDA

Jan. 2018 – Apr. 2018

- Refactored legacy front-end codebase to follow AngularJS best practices, resulting in increased modularity and reduced code duplication
- Fixed bugs present in the user registration sign-up flow to improve user experience
- Facilitated and implemented necessary changes for a team-wide shift from Bower and npm to Yarn
- Implemented robust end-to-end and unit tests with Protractor and Jasmine

Software Architect – Next Healthcare Technologies Inc

May 2017 – Aug. 2017

- Improved user experience and functionality for CareCDS, an online web and tablet application to streamline the patient waiting room process with Javascript, Knockout and Durandal
- Modified CareCDS medical report builder with a rich text editor and optimized capability to display server-side patient information
- Wrote unit tests with Jasmine and PhantomJS, along with manual quality assurance
- Refactored code to follow responsive web design principles for display consistency across devices and browsers

Support Software Specialist – Videostream

May 2016 – Aug. 2016

- Implemented a feature which allowed users to easily modify their current subscriptions using Javascript, Stripe and Paypal APIs
- Developed multiple bug fixes according to customer feedback
- Introduced a splash screen advertising subscription benefits to users that were not subscribed
- Addressed various technical and financial concerns users had with the Videostream service in a timely manner

Projects

Music by Mood – Waterloo Tech Retreat Hackathon

- Analyzed and sorted user's music library with EchoNest API according to various song characteristics such as loudness and rhythm
- Developed Python script to create organized directories for songs
- Utilized TkInter to create a clean and responsive user interface