

# Alex Chang

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## TECHNOLOGIES

**Web Technologies:** HTML5, CSS3, Javascript (ES6+), Vue.js 2/3, Bootstrap, TailwindCSS, SASS/SCSS, MJML, Handlebars, Webpack, Gulp 4, Vite

**Tools:** Git, Bash, Sublime Text, Visual Studio Code, Linux

## EXPERIENCE

### Freelance

2019 – Current

#### Web Developer

- Develop single and multi-page web applications; utilize CSS and JS frameworks to create bespoke web pages/components.
- Provide recommendations throughout the development cycle for best practices in user experience and accessibility.
- Perform quality assurance using tools such as Google Lighthouse to ensure that projects were as optimized as possible for performance.
- Assist with maintaining and updating older code bases to conform to current web standards.

### Fintersect

2021 – 2021

#### Frontend Developer

- Worked with development team to select the ideal technologies for user interface; implemented the user interface for initial version of web application (Vue 3, TailwindCSS). Made recommendations for changes in the user interface to improve user experience.
- Assisted with the implementation of dynamic email templates on SendGrid platform.
- Utilized ticketing system in Azure DevOps to report and update change and fixes to web application.

### Vigorate Digital Solutions

2018 – 2019

#### Frontend Developer

- Developed and deployed HTML emails and their associated campaigns on platforms such as MailChimp, Pardot and Salesforce Marketing Cloud. Manipulated and cleansed data sets to ensure proper campaign deployments.
- Developed and designed microsites; assisted with the integration of microsites into Salesforce backend.
- Assisted with browser/client testing and quality assurance of both emails and microsites.
- Took initiative to improve development efficiency by using the MJML framework to standardize internal HTML/CSS templates.

### Rover Parking

2018 – 2018

#### Junior Web Developer

- Assisted with the development of main web application (Vue 2, Foundation), with a focus on general UI elements such as forms, cards, banners, and content pages; also assisted with the UI for the user dashboard and company blog microsite.
- Wrote Javascript code to change and update user data stored in backend API.
- Assisted with the implementation and modification of Android application user interfaces to improve user experience.
- Utilized Foundation for Emails framework to create responsive, dynamic email templates for company outreach and marketing campaigns.

## EDUCATION

### Seneca Webmaster Certificate

Seneca College of Applied Arts and Technology, Markham, ON

2017 – 2017

### Certificate in Japanese Language II

Renison University College, Waterloo, ON

2011 – 2014

### Honours Bachelor of Environmental Studies (Geography and Environmental Management)

University of Waterloo, Waterloo, ON

2010 – 2014

## SKILLS & INTERESTS

- Up-to-date knowledge of responsive web design, accessibility standards (WCAG), and coding best practices.
- A solid understanding of Agile development practices; experience with the use of project management and ticketing tools such as Azure DevOps, JIRA, Trello.
- Advanced level of Cantonese (speaking); intermediate level of Japanese (speaking and writing).
- An interest in design, open source software, Linux, typography, world history and music.