# Charles Wu

UX Engineer

## Summary

A versatile user-experience designer & developer. Adept in converting user needs into product requirements, with project analysis skills. Efficient at creating designs that translate into tangible results, through the means of prototypes, animation, and code.

## Experience

### UX Engineer, Highline Beta                Jul 2018 - Jun 2019

- Tested and deployed new features for internal and external projects, applying lean methodologies
- Explored and validated novel industry *problems* for new ventures
- Synthesized and validated *solutions* for the aforementioned problems

### Sr UX Developer, CareerJSM                Sep 2016 - Apr 2018

- Designed features, wireframes, mockups, and prototypes for stakeholders, presenting new features
- Audited and implemented code for accessibility, responsiveness, and localization compatibility
- Conducted user testing and interviews iteratively for feature releases
- Mentored team members and led the company in best UX practices

### UX Developer, Dive Networks                Aug 2015 - Jul 2016

- Optimized content for web and TV mediums, factoring in content size, speed, and viewer distance
- Created user personas and use-cases to enhance functionality and usability for target audiences
- Hosted company UX training sessions to enhance product usability and accessibility
- Developed an automation script to detect and flag visual differences

### UX Developer, Crowd Curio                Jan 2015 - Jun 2015

- Researched and prototyped a citizen-science based platform
- Improved user engagement by testing and optimizing different layouts and through added gamification elements
- Designed information architecture maps, wireframes, and website, created with HTML/CSS/JS

## Education

### Bachelors of Applied Science, University of Waterloo                2015

Systems Design Engineering, Option in Management Science

## Contact

- charleswu.ca
- hi@charleswu.ca
- (+1) 647-767-6126

## UX Skills

Product Strategy
User Research
Information Architecture Design
Interaction Design
Prototyping
Web Accessibility (WCAG 2.0)

## Dev Skills

HTML
CSS (SCSS, BEM)
JS (React, Ember)
Python
Git

## Tools

Figma
Sketch
Invision
Axure
Illutsrator, Photoshop, After Effects
VSCode, Sublime, CLI

## Hobbies & Interests

Rock climbing, bouldering
Photography
Video games
Volleyball
Cycling
Whiskey, Bourbon, Scotch