

# ALISON WONG

## SYSTEMS DESIGN ENGINEERING

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alison.wong@edu.uwaterloo.ca  
416-899-8299  
aemwong.github.io  
linkedin.com/in/aewong

### SKILLS

**DEVELOPMENT:** Python (beginner), Objective-C & Swift, C++, HTML/CSS  
**DESIGN:** Adobe Photoshop, Illustrator, & InDesign  
**TOOLS:** Git, XCode, Phabricator, Visual Studio Team Services, Microsoft Office

### PROJECTS

- Dec 2017 - Present**    **Personal Website**  
› Self-learning HTML, CSS, and Javascript while using Bootstrap to implement personal website to showcase ongoing projects
- Jul 2017**    **"Stay-on-Track" Tracker**     [aemwong/ArduinoTimer](#)  
› Co-designed and programmed a productivity timer using an Arduino that validates login credentials then allows user to track multiple timers simultaneously
- May 2017**    **EngHack: waterFood**     [minxhe/EngHackS2017](#)  
› Implemented front-end of web app using HTML and CSS which alerted students of free food available on campus
- Sept - Dec 2016**    **Accessible Product Storage Unit: the Rotating Grocery Shelf**  
› Employed the design process through research, personas, and decision making methods to solve accessibility issues found in grocery stores  
› Created high-fidelity working prototype of a rotating grocery store shelf iterating on feedback gained on previous prototypes in the user testing process

### EXPERIENCE

- Jan - Apr 2017**    **Agile Test Engineer, Pivotal Labs, Toronto, Ontario**  
› Wrote UI tests on EarlGrey framework for iOS simulators using Objective-C and Swift covering several main features to ensure absence of regressions  
› Tested daily builds for mobile apps in agile testing environment to discover showstopper bugs before release dates  
› Communicated with product managers and developers internationally to verify functionality of new release features and fix bugs
- Sep - Dec 2017**    **Product Management Coop, Tulip Retail, Kitchener, Ontario**  
› Composed backlog of detailed user stories on Phabricator and communicated clearly to clarify blocks and to ensure features were working as expected  
› Oversaw daily scrums, prioritized features, assigned work for sprints according to estimates and deadlines given for release presentations at NRF  
› Conducted internal demos to new hires and aided them with familiarity of the product; authored documentation for several features in new releases

### EDUCATION

**Candidate for Bachelor of Applied Science in  
Systems Design Engineering, University of Waterloo**  
Relevant courses: Human Factors in Design, Data Structures and  
Algorithms (Python), Digital Computation (C++)

### INTERESTS

Programming	UI/UX Design
Calligraphy	Volleyball
Rock Climbing	Video Games
Playing Music	Singing