

ALISON WONG

SYSTEMS DESIGN ENGINEERING

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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