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 simulataneously

May 2017 **EngHack: waterFood** *minxhe/EngHackS2017*
› Implemented font-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