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 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