JENNELLE WONG

SKILLS

design

Wireframing	InDesign
SolidWorks	Illustrator
AutoDesk Inventor	Photoshop
AutoCAD	Cadence

embedded

SMT Soldering
PCB Layout
PLC

development

Java (Android)
C
Ruby
HTML CSS JS
PHP

PROJECTS

ANNEX ver. 1 - Dec 2015, ver. 2 - WIP

Arduino-based garage monitor with a web-based portal to control garage doors and provide a live-stream feed. Version 2 currently in the works.

TAG'D Apr 2015

A portable laser tag unit that replaces the typical bulky equipment with a lightweight, textile approach. An Arduino-base station allows players to control game settings and view scoring.

EDUCATION

BASc - Honours Mechatronics Engineering (Co-op)

University of Waterloo
2010-2015

ABOUT ME

I like to build, tinker and prototype. I am looking to pivot from my software experience and bring my passion for design to physical products.

I like to keep tabs on interior design, furniture and how human factors affect design and vice versa. In my spare time, I am trying new foods and cuisines, jamming to new tunes or working on side projects.

EXPERIENCE

ANDROID DEVELOPER

Wattpad | Toronto, Ontario | Sept 2014 - Dec 2014
- Minimized follow-up to user-reported bugs through redesigned low-resource async logger
- Spearheaded Android cross-device benchmarking, identifying areas of improvement for EOQ development roadmap
- Released new features and fixes to Wattpad's 17+ million Android users (Wattpad app rated 4.5 ★)

SOFTWARE ENGINEER INTERN (ANDROID)

if(we) - formerly Tagged | San Francisco, California | Sept 2013 - Dec 2013
- Delivered EOQ revenue goal of $500k by increasing mobile site ad exposure by 7x
- Wrote and shipped production-grade features and patches to 7+ million browser user, 1.2 million+ active Android users (rated 4.1★)
- Developed Tagged Tag (http://taggedtag.meteor.com/) to gamify social networking during quarterly hackathon

MOBILE PAYMENTS SOFTWARE ENGINEER INTERN

Visa Inc. | Foster City, California | Jan 2013 - Apr 2013
- Interfaced smartcard + NFC technologies in partnership with Samsung to accelerate global availability of mobile payment solution
- Designed and executed two features and UI revamp in predecessor to Samsung Pay
- Corresponded with 3rd-party developer and maintained quality control of prototype prior to Mobile World Congress 2013 debut

JR. PRODUCT MANAGER / UX DESIGNER

Communitech | Kitchener, Ontario | May 2012 - Aug 2012
- Refined concepts for web and mobile ventures for SMEs and first-time entrepreneurs
- Established clean workflows and intuitive UX through interactive mockups
- Generated technical documentation for clients to engage investors + 3rd-party development agencies

AGILE DEVELOPER

points.com | Toronto, Ontario | Aug 2011 - Dec 2011
- Streamlined builds for 3 product lines to provide continuous integration, enabling goals of immediate deployments
- Automated web and cross-browser tests framework to protect company's $100M product line
- Reduced 40+ hours of costly manual regression testing down to 3 hours and raised overall quality of product release