

JASON WINN

Programmer. Mechanical Engineer. Graphic Designer.
BASc (Mechanical Engineering), University of Waterloo

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PASSION

Crafting products that balance form and function. Minding the details. Working in creative environments.

WORK EXPERIENCE

Slack, Senior iOS Engineer

Vancouver, Aug 2016 - present

- iOS app infrastructure team
- API design, architecture & implementation of data streaming framework
- Input component, chat screen rewrite
- Testable, reusable & concise interfaces
- UI performance initiatives, learning sessions, consultation for team
- Interviewing, mentoring

Joist, Software Engineer

Toronto, Jun 2015 - Jun 2016

- iOS initiatives from new features to technical debt cleanup
- Interviewing candidates as well as mentoring interns

Airbnb, iOS Software Engineering Intern

San Francisco, Sep 2014 - Dec 2014

- Time-efficient map pin clustering
- Messaging component of the iOS app (with UIKit & CoreAnimation optimizations)
- iOS app's layout for the iPhone 6/6+ launch

IBM, Mobile Application Development Intern

Toronto, Jan 2014 - Apr 2014

- iBeacon demo platform
- Presented demos to Air Canada, Lufthansa & Tim Hortons

Zynga, Software Engineering Intern

Toronto, 2012-2013

- Assisted in developing 'Scramble With Friends' game for Android
- Key contributor on framework team and assisted game teams with integration
- Developed C++ bindings to both Objective-C & Java (Using JNI)

PERSONAL PROJECTS

Orange Corner	'Bolt' Electrical Plug	Autonomous Line Painter	Egger (iOS)
<ul style="list-style-type: none">• Greeting card designs• Vector-illustrated from the ground, up• www.theorangecorner.ca	<ul style="list-style-type: none">• Orientation-independent, magnetic wall plug, with grounding ring• Mechanical Engineering team project	<ul style="list-style-type: none">• Robot capable of line painting on roads, grass, etc• Uses ROS, IMU-based PI controller, Node-JS, Arduino & custom PCB	<ul style="list-style-type: none">• Uses Cocos2D game engine• Wrote custom physics• Published to App Store

EXTRAS

- **Private Pilot**, Boundary Bay Airport, Toronto City Centre Airport, Buttonville Airport, Vancouver & Toronto, 2010 - present
- **Interests:** hockey, tennis, mechanical tinkering, 'The Simpsons' trivia