

# SALLY YANG JING OU

Software Engineering | [yjou@uwaterloo.ca](mailto:yjou@uwaterloo.ca) | [www.sallysally.ca](http://www.sallysally.ca) | [github.com/Sally-Yang-Jing-Ou](https://github.com/Sally-Yang-Jing-Ou)

## SKILLS SUMMARY

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- Application Development – C++, Objective-C, Swift, Java, C#, C, iOS, Windows Phone 8 development
- Web Development – JavaScript, HTML, CSS, jQuery, MongoDB, Angular.js, Node.js
- Tools/Frameworks – Git, Xcode, Visual Studio, iOS SDK, Facebook SDK, PebbleKit SDK

## EXPERIENCE

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### Agile Software Engineer, Pivotal Labs

Toronto, Winter 2015

- Completed iOS Sales Force mobile app for tracking customers' satisfaction and financial data
  - Added push notifications for new score alerts via Pivotal Cloud Foundry Mobile Services
  - Deployed to over 2,000 Pivotal Salesmen, provided users with real-time updates on new changes
- Implemented new features for Uber on Windows Phone 8, and released the Beta to App store
  - Integrated with Uber and Paytm API for user registrations, added support for Paytm Wallet in India
- Enhanced UI design and added analytics to ABC News Apple Watch (iOS) extension
- Used: Objective-C, C#, Visual Studio, Xcode, Apple Watch and Cedar for TDD

### Software Developer, Pulse Energy Inc.

Vancouver, Spring 2014

- Automated tests in node.js, Selenium-WebDriver, adopted Sauce Labs Cloud for multi-browsers testing
  - Replaced manual testing for Pulse Energy's flagship product with automated end-to-end tests
  - Expect to save the company over 1100 hours of manual testing per year
- Designed and made web layout changes with HTML, CSS, LESS as per customer requests
- Used: JavaScript, Node.js, Knockout, CSS, HTML, Git, Sauce Labs

## PROJECTS

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### iOS Applications:

Spring 2014 – Winter 2015

- Event Manager: iOS application that organizes photos in different folders based on events or dates
  - Enabled passcode configuration, users can edit photos and share on social media
  - Swift, Core Data and Objective-C
- Echoes: A location-based messaging and images communication iPhone and Web app
  - Objective-C, Ruby on Rails (Backend), JavaScript
- Spinning Table, Flappy Mario: iOS mobile games written in Swift and Objective-C

### Web Applications:

Fall 2014 – Winter 2015

- Personal Website: <http://www.sallysally.ca>
- FaceMatch: <http://www.facematch.me>, social web app game on Korean celebrity matching
  - Python/Flask (Backend), JavaScript, jQuery, Bootstrap
- Wordasm: A custom web chat system with an integrated multiplayer word-guessing game
  - Facebook SDK, Socket.io, Node.js, Bootstrap, jQuery

### IoT/ Watches:

Winter 2015

- Pebble SOS: Emergency service that sends out virtual cry for help upon shaking Pebble Watch
  - Created the iOS Companion app and Pebble Watch app
- Twitter-Bot: A robot that follows movement commands via Tweets
  - Raspberry Pi, Python, Twitter API
- Brainy Pebble: Displays daily inspirational quote containing the word "Pebble" on Pebble Watches

## EDUCATION

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- Candidate for Bachelor of Software Engineering, *University of Waterloo* 2013 – Present
  - Interests include mobile security, mobile and full-stack development, hiking, reading