

# Geoffrey Liu

iOS engineer & web developer

## Contact info

*Additional contact details  
available upon request*

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## Languages

Swift / Objective-C

JavaScript / ES6

React / Angular / Node

Java

PHP

HTML5 / CSS3

Ruby on Rails

Python

C / C++

## Skills

Xcode

Jenkins CI

Quick/Nimble unit testing

XCTest automation

JIRA

NPM / yarn / Cocoapods

GitHub Enterprise

Bash/Python scripting

IntelliJ

Eclipse

WordPress

## Interests

UI/UX design

Mobile app development

Music performance

Photography

Teaching / speaking

## Work experience

- since Apr 2017 **iOS Engineer** · *Groupon*, Santa Clara CA & Seattle WA  
Owned the development of over 20 features in the Groupon iOS app, supporting key business goals such as Groupon+ and Groupon Select. Contributed to a significant app-wide re-architecture of the deal page screens. Wrote extensive unit test and UI automation suites. Advised managers on design and implementation decisions.
- 2016-17 **Web developer** · *Groupon*, Palo Alto CA  
Develop web-specific features of the Groupon Goods online presence. Leverage internal JavaScript framework for front-end UX and maintain browser automation tests.
- Jun-Sep 2015 **Software Engineering Intern** · *CDK Global*, Seattle WA  
Add functionality to existing Angular JS mobile app to allow car dealers to manage their incentives. Integrated with CDK's in-house REST APIs, wrote extensive tests. Added push notifications through Pushwoosh.
- 2015-16 **Teaching Assistant** · *University of Washington CSE*, Seattle WA
- 2013-14 **Webmaster** · *Associated Students of the University of Washington*, Seattle WA
- Jun-Sep 2013 **Programming Intern** · *Seattle Publishing*, Seattle WA

## Education

- 2012 TO 2016 **B.S. Computer Science; Minor in Music** · *University of Washington*, Seattle
- Direct admission into Computer Science, 2012
  - Dean's List candidate, 2012—2016
  - 3.73 overall GPA
  - Teaching assistant, ASUW webmaster, musician in UW Symphony

## Projects

### Odo proxy software

Owned the redesign of Groupon's open-source proxy software. Rewrote significant portions of the Groupon front-end using Bootstrap framework, introducing usability features such as keyboard navigation.

### Redwood Symphony new website

Completely overhauled the organization's website in WordPress, with over 1,000 lines of custom PHP and JavaScript code. Created custom interactive components to display concert data in a consistent, reusable manner.

### PeaceTrees Vietnam project map

Leverage MapBox, React, and Node to present interactive map of the non-profit's projects and landmine data from KML files. Allows map updates via uploads through a secure backend.

### Nagios alerts visualizer

Created a full-stack solution to visualize and reduce unnecessary Nagios alerts by over 50% in several weeks. Leveraged multi-threaded web scraper and Bootstrap-based front-end for quick tabular visualization.