

# Geoffrey Liu

iOS engineer & web developer

## Contact info

*Additional contact details  
available upon request*

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## Skills

Swift / Objective-C  
UI/Unit testing  
JavaScript / ES6  
React / Angular / Node  
Java  
PHP / WordPress  
HTML5 / CSS3  
C / C++  
Ruby on Rails  
Python

## Coursework

Web programming  
Data structures  
Software engineering  
Databases  
Systems programming  
Graphics  
Introduction to HCI  
Artificial intelligence  
HW/SW interface  
Music theory  
Music history

## Languages

English  
Chinese  
French

## Interests

Teaching / speaking  
UI/UX design  
Mobile app development  
Music performance  
Photography

## Work experience

- since  
Apr 2017 **iOS Engineer** • *Groupon*, Santa Clara CA & Seattle WA  
Owned the development of many features in the Groupon iOS consumer app, a top-25 App Store app. 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  
Prepare for and teach sections of 15-25 students, grade homework assignments and exams, and hold office hours for students.

## 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.

### KingFM schedule browser

*(In progress)* Angular app that scrapes 98.1 KING FM's website and displays programming schedule in a responsive, user-friendly interface.

### Periodic Table browser

*(In progress)* Allows tabular comparison of multiple elements. Currently rewriting in Angular JS. Originally, data stored as XML files, parsed and displayed with jQuery.

### This resume!

Open-source template, written with React and data provided by a simple JSON file. Job-seekers can quickly create their own resume simply by editing the JSON!