Geoffrey Liu
iOS engineer & web developer

Contact info

Additional contact details available upon request

main@g-liu.com ✉
https://g-liu.com 🌐
LinkedIn: /geoffliu in
GitHub: g-liu 🐙
Twitter: @geo_liu 🐦

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.

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.

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.

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!