OLIVER HU

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Education

Brown University
B.A., Computer Science
B.A., Music
Expected graduation: May 2018
GPA: 3.82
Relevant courses:
- Modern Web Apps
- Software Engineering
- Discrete Structures and Probability
- Computer Systems
- User Interface Design
- The Entrepreneurial Process
- Algorithms and Data Structures
- Object-Oriented Programming in Java

Skills

Languages: Java, JavaScript, HTML/CSS, SQL, Swift, XML, C#, Python, C

Technologies: React/Redux, jQuery, Node.js, Express.js, Mustache, Socket.io, Sass, Bootstrap

Programs: Sketch, Xcode, Android Studio, Max/MSP

Fluent in Mandarin Chinese

Projects

Wearable Weather
A web app that gives users outfit suggestions drawn from their wardrobes based on weather conditions

Chatroom
A chatroom web app built using socket.io featuring a notification system for users entering, leaving, and changing nicknames

Greyhound Redesign
A redesign of Greyhound's ticket and mobile app

Experience

EF Education First
Developer Intern
June 2017—August 2017   Boston, MA
- Part of EF Tours division, which sells educational tours
- Developed new tour consolidation web application for operations central to business model
- Worked extensively with React/Redux, C#, and SQL
- Participated in Scrum/Agile framework, working closely with designers, business analysts, and stakeholders

Down Dog App
Software Design Engineering Intern
June 2016—August 2016   Seattle, WA
- Designed several new features of the app using Sketch, and implemented the features on iOS and Android
- Designed upcoming features for future implementation, including advanced settings, practice history, stats, and offline mode
- Adjusted UI to be responsive for multiple screen sizes
- Completely redesigned Down Dog's website (https://www.downdogapp.com)
- Design work can be found here: https://www.behance.net/gallery/43279831/Down-Dog-App-UIUX-design

Brown University
Undergraduate TA   CS016: Algorithms and Data Structures
Jan 2016—May 2016   Providence, RI
- Held weekly office hours to help students with homework/project questions and clarify concepts
- Held weekly section to review topics covered in lecture
- Graded students' homework and projects
- Mentored individual students
- Discussed and implemented ways to improve course with other TAs, students, and professor

Leadership

The Brown Derbies
Music Director/Tour Manager
Nov 2014—Present   Providence, RI
- One of Brown's premier a cappella groups–paid to perform at various events
- Improve group sound by running 2-hour rehearsals 3 times a week
- Make important musical and logistical decisions for group
- Plan annual international/domestic tours