

Education

Brown University

B.A., Computer Science

B.A., Music

Expected graduation: May 2018

GPA: 3.81

Relevant courses:

- 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, Swift, XML, Python, C, SQL, HTML/CSS

Programs: Sketch, Xcode, Lightroom

Familiar with **iOS** and **Android** development

Fluent in Mandarin Chinese

Projects

Wearable Weather

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

Autocorrect

A trie-based autocorrect and autocompletion algorithm featuring a web UI for user input

Greyhound Redesign

A redesign of Greyhound's ticket and mobile app (<http://greyhound.42pages>)

Experience

Down Dog App

Software Design Engineering Intern

June 2016 - August 2016

Seattle, WA

- Designed several new features of the app in Sketch, including pose names, a countdown timer for long poses, settings to show/hide pose names/countdown timer, and an entirely new post-practice menu featuring a new playlist view, song detail view, ability to rate a practice, and ability to share to Facebook
- Implemented the above features on iOS and Android
- Redesigned the app's start screen to accommodate advanced settings for upcoming features
- Designed history and stats screens to track practices, as well as a practice detail view with the ability to save a practice for offline use
- Completely redesigned Down Dog's website (<https://www.downdogapp.com>)
- Designed Down Dog's promotional emails and flyers
- Adjusted UI to be functional and readable across multiple screen sizes
- Design work can be found here: <https://www.behance.net/gallery/43279831/Down-Dog-App-UIUX-design>

Brown University

Undergraduate TA

Jan 2016 - May 2016

CS016: Algorithms and Data Structures

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