

EDUCATION

THE UNIVERSITY OF TEXAS

Bachelor of Science and Arts in Computer Science

Austin, TX
Spring 2017 (Expected)

- CS GPA: 3.47
- Business Foundations Program
- Freshman Research Initiative (Computational Intelligence in Game Design stream)

EXPERIENCE

RETAILMENOT, INC.

Software Engineering Intern

Austin, TX
Jun 2016 to Aug 2016

- Created the front-page of RetailMeNot Gift Cards (giftcards.retailmenot.com, pending publication)
- Performed full-stack work, using Redux with FlightJS (by Twitter), Node, and Spring for the Java API
- Added a banner with featured company deals to the RetailMeNot homepage, promoting Gift Cards as a RetailMeNot product

NATIONAL INSTRUMENTS

Co-op Software Engineer

Austin, TX
Aug 2015 to Nov 2015

- Transitioned from an Intern role to a part-time Software Engineer, on a team in the research and planning phase of an upcoming product
- Planned, designed, and wrote two specifications for features that would convert old product metadata into a new format

NATIONAL INSTRUMENTS

Software Engineering Intern

Austin, TX
Jun 2015 to Aug 2015

- Created a tool that allowed the company's product developers to quickly and easily access database information
- Given complete responsibility of the project (with guidance), from planning and design to initial release
- Wrote the UI in C# with Windows Forms, and the back-end in C++

ABB ENTERPRISE SOFTWARE

Software Engineering Intern

Austin, TX
May 2014 to Jul 2014

- Modified and expanded the company's Cordova mobile application, correcting errors and increasing efficiency
- Wrote and fixed several unit tests using the Mocha test framework

ACADEMIC INVOLVEMENT

THE UNIVERSITY OF TEXAS

Undergraduate Teaching Assistant

Austin, TX
Aug 2016 to Dec 2016

- For CS 373: Software Engineering, by Professor Glenn Downing
- Assisted students in learning development tools (Docker, git, Travis CI) and web frameworks/tools (AngularJS, PostgreSQL, Flask)

THE UNIVERSITY OF TEXAS

Undergraduate Teaching Assistant

Austin, TX
Jan 2016 to May 2016

- For CS 314: Data Structures, by Lecturer Mike Scott
- Led weekly discussion sections, graded weekly projects written in Java, and assisted students in learning fundamental data structures

PROJECTS

(SWE)ET MUSIC (sweetmusic.me)

- Working with a group, created an interactive web application that allows users to browse a vast amount of music-related data
- Written using Flask and AngularJS with a MySQL database

INTERACTIVE EVOLUTION WITH MINECRAFT TEXTURES

- Working with a group, created a program that could generate a design to display as a skin model in the video game, Minecraft
- Based on the concept of "evolutionary art", using user-guided evolution

SKILLS

LANGUAGES: Python, C++, Java, SQL

WEB DEVELOPMENT: HTML, CSS, JavaScript

TOOLS/Frameworks: React, AngularJS, Webpack, Grunt, Mocha, Karma