JULIE MUZY

www.juliemuzy.com

julie.muzy@utexas.edu • (512) 590-3455

EDUCATION

The University of Texas at Austin	Bachelor of Science in Computer Science	December 2017
Overall GPA: 3.88	Bachelor of Arts in French	December 2017
	Business Foundations Certificate	May 2016

SKILLS

- **Programming Languages:** Proficient in Java; Familiar with JavaScript, TypeScript, HTML/CSS, C, C#, C++, PHP
- **Frameworks:** AngularJS, Angular2, Jasmine, Android Studio, Material Design, Twitter Bootstrap, Laravel 5
- **Languages:** Fluent in English, French, and Spanish

WORK EXPERIENCE

Google – *Software Engineering Intern;* Mountain View, CA   Summer 2017
- Efficiently merged connectivity data for Project Fi into sessionized logs containing about 200 million entries per day
- Read in different data types from a Bigtable and joined them on various attributes using Flume

Google – *Software Engineering Intern;* Irvine, CA   Summer 2016
- Recreated the Analytics 360 Suite header common to multiple products from JavaScript/Angular to TypeScript/Angular2
- 4 components converted: an overflow menu, a product switcher, a gaia (user) switcher, and an organization switcher
- Implemented and reorganized 6 services for consistent data use and manipulation throughout the app
- Pioneered using Angular2 and TypeScript at Google and had code referenced by others experimenting with the technologies

General Electric - Aviation – *Software Engineering Intern;* Austin, TX   Fall 2015
- Implemented various features and bug fixes in C# and C++, including Powershell cmdlets and pattern validation in a parser
- Profiled and refactored code for increased readability and speed, including multi-threading a library upgrade process
- Used AngularJS and JavaScript/Typescript to add annotations to a map and export the map and all features to KML

Hewlett-Packard – *Software Engineering Intern;* Austin, TX   Summer 2015
- Designed and developed a company-wide sizing tool to standardize and expedite the process of sizing future projects
- Created a web app from scratch using Laravel 5, HTML/CSS, Twitter Bootstrap, JavaScript, JQuery, and PHP
- Developed and implemented a Microsoft SQL database using Laravel 5 migrations and Eloquent ORM
- Won People's Choice award (favorite project) and 2nd best technical project at the intern fair at the Austin office

PERSONAL PROJECTS

Google CodeU   Summer 2015

A selective program designed to improve interviewing skills and develop technical skills, such as Android Development

- Completed Udacity's *Developing Android Apps: Android Fundamentals* online course
- Designed and developed CookU, an Android app that searches for recipes based on the ingredients entered, with 2 other participants remotely in 5 weeks (https://play.google.com/store/apps/details?id=com.cooku)

LEADERSHIP EXPERIENCE AND EXTRACURRICULAR ACTIVITIES

Women in Computer Science – *Web Master*   Summer 2014 – Spring 2015

Organization that provides women in computer science with opportunities to socialize with other computer science students, interact with professors, and attend meetings with companies interested in hiring more women. *Member since Fall 2013.*

- Redesigned the organization webpage from scratch using HTML, CSS, and Twitter Bootstrap (www.juliemuzy.com/wics)

HONORS

• UT Austin Natural Sciences, Liberal Arts Honor Student	Spring 2015, Spring 2016
• UTCS Grace Hopper Women in Computing Travel Grant Recipient	Fall 2014
• Texas Business Foundations Summer Institute Overall Excellence Award	Summer 2014