

CAROLYN TRAN

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EDUCATION

The University of Texas at Austin
B.S., Computer Science
Turing Scholar Honors Program

Expected Graduation: May 2018
Overall GPA: 3.45/4.0

EXPERIENCE

Yammer - Software Engineer Intern - San Francisco, CA

Summer 2017

- Working on the Storage Infrastructure Team

Microsoft - Explore Intern (PM/DEV) - Redmond, WA

Summer 2016

- Constructed a histogram with selection, filtering, tooltips, Scotts rule for bucketing, and kernel density estimation plots for a desktop app in the D3.js framework
- Designed features for a time series graph that plots multiple series and filters based on a drag-selection
- Implemented a map that plots geo-coordinates with options to zoom, filter, cluster, and group by

Union Pacific - Tech Intern - Omaha, NE and Austin, TX

Summer & Fall 2015

- Configured the source/sink of multiple Apache Flume log streams and transformed the logs into structured data for Elasticsearch as well as into JSON for Hadoop Distributed File System (HDFS)
- Automated log geotagging so administrators can query log files based on origin

PROJECTS

Alarm Me! — C#, XAML

- Developed a Windows app that connects with Microsoft Band to track heart rate and alarms user or loved ones about dangerous behavior

Natural Language Generator — Python, Flask, HTML

- Analyzed patterns in financial spreadsheets and developed a generator to report the findings as a webpage in a paragraph of clear English using correct financial terminology

LANGUAGES AND TECHNOLOGIES

Experienced	Java, C++, Python, Git
Familiar	LaTeX, Linux, C, C#, D3.js

ACHIEVEMENTS

2nd at Austin Google Games	Google Grace Hopper Travel Grant Recipient
1st at WiCS Programming Competition	3rd at Union Pacific Hackathon
Microsoft Diversity Conference Scholarship	

EXTRA-CURRICULAR

Women in Computer Science	Volunteer Chair, Mentor
CS Roadshow	Create and present CS outreach talks
Kids Who Code	Teach CS concepts to 8th grade class on a weekly basis
Alpha Sigma Rho	President, Secretary, Service Chair, Web Mistress