CAROLYN TRAN

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EDUCATION

The University of Texas at Austin   Expected Graduation: May 2018
B.S., Computer Science   Overall GPA: 3.45/4.0
Turing Scholar Honors Program

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

YelpTrip — Python, Flask, HTML, Bulma.css, Yelp API
· Allows users to plan trips by searching multiple categories of places. Web app will cluster businesses of different categories together that are closeby

Alarm Me! — C#, XAML
· Microsoft Band Windows app that tracks heart rate to alarm user or family about dangerous behavior

Natural Language Generator — Python, Flask, HTML
· Analyzed patterns in financial spreadsheets and developed a webpage to report paragraph of findings

LANGUAGES AND TECHNOLOGIES

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

ACHIEVEMENTS

2nd at Austin Google Games	Google & Microsoft Grace Hopper Scholarships
1st at WiCS Programming Competition	3rd at Union Pacific Hackathon

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