

# CAROLYN TRAN

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## EDUCATION

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**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

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**Yammer - Software Engineer Intern - San Francisco, CA** Summer 2017

- Achieved security compliance on network traffic by enabling SSL between services and Memcached
- Worked with open-source projects like Mcrouter and Stunnel to use as SSL proxies

**Microsoft - Explore Intern (PM/Dev) - Redmond, WA** Summer 2016

- Added data visualizations like a histogram and the following for a desktop app using 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 and into JSON for Hadoop Distributed File System (HDFS)
- Automated log geotagging so administrators can query log files based on origin

## PROJECTS

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**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 nearby

**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

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<b>Experienced</b>	Java, Python, Git, Puppet
<b>Familiar</b>	Linux, C, C++, C#, D3.js, Typescript, HTML/CSS

## ACHIEVEMENTS

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

## EXTRA-CURRICULAR

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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