

Alicia  
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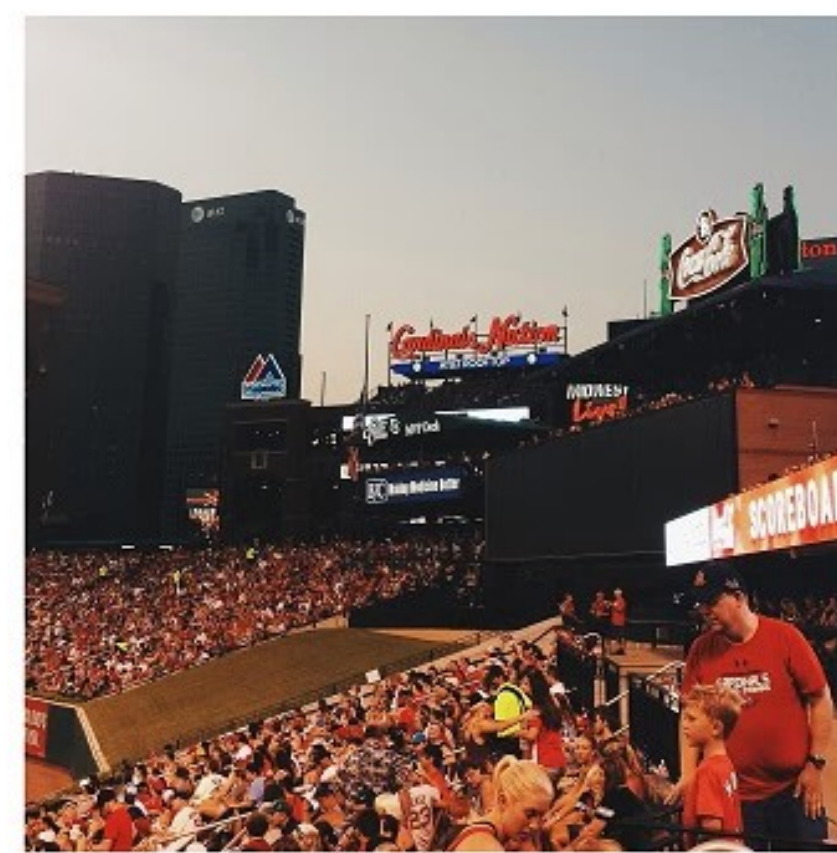
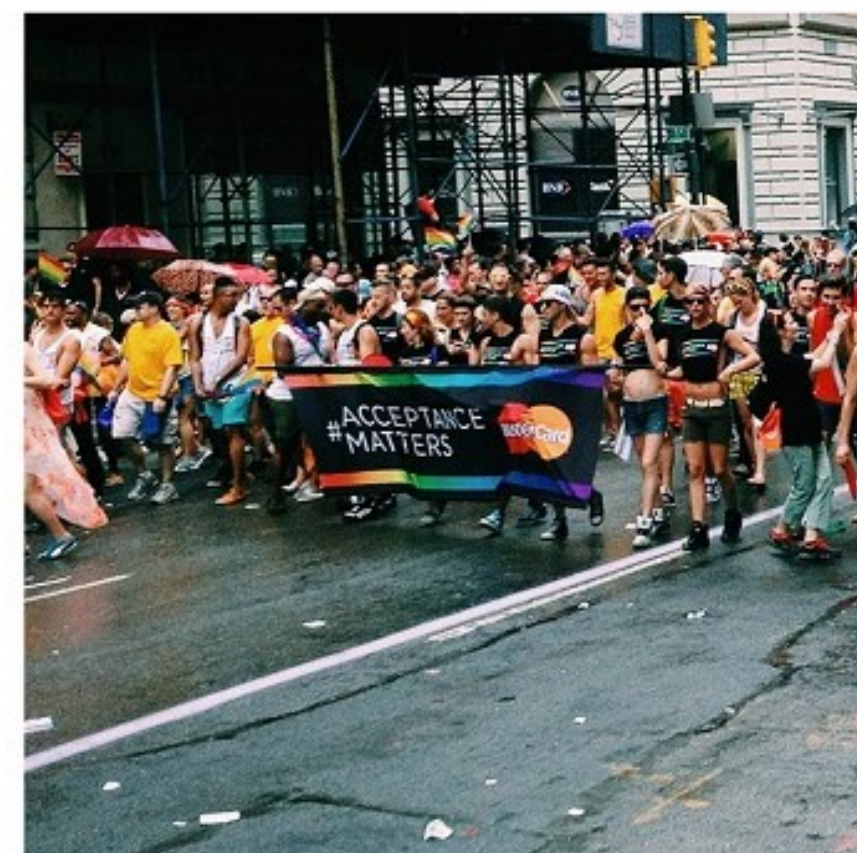
- Software Engineer Intern -



Mastercard  
St. Louis

- JUNE 13, 2016 TO AUG 12, 2016 -

[ This summer, I worked at Mastercard in Saint Louis and learned how an enterprise website undergoes a technology transformation. I contributed to the China On-Soil project, implementing performance tests on the new web application made for China. ]



## Achievements

- Compiled all of Web Administration requests from each team under the Business to Business Department
- Implemented performance tests of the web services using JMeter scripts
- Setup virtual server using Chef Platform to support Red Hat Enterprise Linux (RHEL)-based deployments
- Raised over 1000 of supplies for the School Supply Drive
- Participated in a Hack-A-Thon to improve United Way's website and marketing

## UCSD Connections

- Project-based courses that help:
  - o CSE 110/112
  - o COGS 120
  - o ENG 100L (Global Ties)
  - o CSE 120

All of these courses prepared me to collaborate in teams, brainstorm ideas and prototype, and work on projects that can be applied to the real world. It has also taught me good programming and debugging practices.

My internship helped me become both independent and resourceful when learning new tools and frameworks which I can apply to courses for this upcoming year.

## Perks & Highlights

- Free snacks and coffee
- Friday lunches
- Great working environment filled with welcoming employees
- Able to reach out to other employees outside your team and network
- Participated in community events:
  - St. Louis Pride Parade
  - School Supplies Drive
  - Cardinal Games

## What I Learned

- Learned how to setup a virtual server using vmWare
- Deepened my knowledge of how servers are setup and how they work
- Learned how a 50-year-old company deals with:
  1. Changing ecosystem of payments
  2. Update in technology, frameworks, UI
  3. Financial Inclusion
- Learned to overcome my fear of asking questions