Ty Giacalone

www.tygiacalone.com | (831) 206 3289 | tgiacalo@ucla.edu

Education:
University of California, Los Angeles
Major: Computer Science
GPA: 3.11

Experience:

Adobe
Software Engineer
October 2016 - Present
- Implemented A/B testing framework, cutting deployment time from 5 days to 5 minutes, 100% eliminating need for developer involvement, and automatically recording analytics for experiments.
- Planned, implemented, executed, and analyzed multiple experiments sent to 100,000's of users.
- Integrated 3rd party analytics suite Appboy to enable automated push notification and email campaigns.
- Full stack engineer with nodejs on Adobe Spark's dedicated User Acquisition/Engagement Team

ViaSat
Software Engineer Intern
Summer 2015 | Carlsbad, CA
- Created network visualization application which was sold to customers. Built from initial design phase to launch using full stack nodejs with mongodb, backbone, express, d3js on team with 2 other interns.
- Integrated the network visualization app into existing ViaSat consumer products to enable critical customer requested features such as automatic detection of network devices, visual alerts, etc.
- Designed icon sets and graphics used in consumer version of network visualization using Adobe Illustrator, prototyped application design and user flow in Balsamiq.

Symantec Corporation
Lead Software Engineer Intern
Summer 2014 | Los Angeles, CA
- Big data analytics on Symantec Data Analytics Platform, largest security metadata store in the world.
- Generated generic malware detection signatures and enabled cloudless malware detection.
- Collaborated with executives and employees to create educational "Executive Speaker Series" events.
- Managed $1,000+ event budget, handled logistics and lead intern events with 50+ attendees.

Side Projects:
Connoisseur(React Native/Nodejs): Data analytics tells you where to eat
- Dine and rate restaurants, and get refined suggestions from preferences of similar users.

MINT (D3.js/Ruby on Rails): Visualize twitter trends with d3.js and google maps
- Visualize 500,000+ tweets based on hashtag or most active user profiles
- Zoom in and pan around google maps and tweets "recluster" in real time.

Swipes For Advice (Android): Tinder for trading dining hall swipes for mentorship
- Browse, match, and chat with local student profiles created from recent LinkedIn work history.

Skills:
- Competency: c/c++, javascript, nodejs, express, backbone, mongodb, html/css, illustrator/indesign
- Exposure: java, iOS, android, react-native, sql, php, python, bash