

# Ty Giacalone

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## Education:

University of California, Los Angeles

Major: Computer Science

Graduation: July 2016

GPA: 3.075

## Experience:

### ViaSat

*Software Engineer Intern*

*Summer 2015 | Carlsbad, CA*

- Created network visualization application which was sold to customers. Built from initial design phase to launch with 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.

### Crash and Burn Solutions

*Software Engineer Intern*

*Summer 2013 | Monterey, CA*

- Member of competition team for the NASA Unmanned Aircraft Systems Challenge.
- Developed UAV autopilot, collision-avoidance, and GPS spoofing detection.
- Optimized antenna tracking module of on-board GPS navigation software for UAVs.

## Side Projects:

Swipes For Advice (Android): Tinder for trading dining hall swipes for mentorship

- Browse, match, and chat with local student profiles created with recent LinkedIn work history.

Protein Per Calorie (Nodejs): Single Page Application for food satiety information

- Look up meals at popular restaurants and determine how long they will keep you feeling full.

UAV HUD (Java/C): UAV tracking software for formation flying of drones

- Track you and your friends drone on a heads up display for dogfighting, formation flying, etc.

Brysi Soundboard (Android): Soundboard app for professional YouTuber

## Skills:

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