

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 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.

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 from 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