Ty Giacalone
433 Kelton Avenue
Los Angeles, CA 90024
(831) 206 3289
tgiacalo@ucla.edu
Portfolio: http://ty.giacalone.me

Education:
UCLA – Major: Computer Science – Senior, Graduation Spring 2016
GPA: 3.075

Experience:

ViaSat
Software Engineer Intern
Summer 2015 | Carlsbad, CA
- Full stack web development with nodejs, mongodb, backbone, express, and d3js to create a standalone network visualization web application which generated customer purchase requests.
- Integrated network visualization application into existing Viasat consumer products while enabling and implementing critical new functionality which was previously not possible.
- Created customer facing icon sets and graphics for network visualization app in Adobe Illustrator, prototyped website 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, the largest security metadata store in the world (3 trillion+ rows). Generated generic malware detection signatures and enabled cloudless malware detection functionality.
- Communicated with executives and employees to create educational "Executive Speaker Series" events. Handled all logistics for multiple intern and employee events with 40+ attendees.
- Created internal portal for monitoring development and status of malware detection signatures.

Crash and Burn Solutions
Software Engineer Intern
Summer 2013 | Salinas, 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:
- Developed Protein Per Calorie single page web app for identifying protein content ratios in food
- Developed UAV HUD and UAV tracking software for formation flying of drones
- Developed Swipes For Advice Android app (Tinder for trading dining hall swipes for mentorship)
- Developed Android soundboard app for professional YouTuber

Skills:
- c/c++, python, javascript, java, bash, sql, html, css, nodejs, express, backbone, mongodb, agile, scrum, jira, android, android studio, visual studio, IntelliJ IDEs, eclipse, assembly, wordpress, linux, adobe illustrator/indesign, 155 wpm