Ty Giacalone
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Portfolio: http://ty.giacalone.me

Education:
UCLA – Major: Computer Science – Senior, Graduation 2016
GPA: 3.15

Experience:

Symantec Corporation
Lead Software Engineer Intern
Summer 2014 | Los Angeles, CA
- Performed big data analytics on Symantec Data Analytics Platform, the largest security metadata store in the world (3 trillion+ rows). Research applied to generate 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.
- Created unit tests for Jenkins continuous integration on Symantec SMR Eraser project.

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.

Naval Postgraduate School Physics Laboratory
Intern
Summer 2012 | Monterey, CA
- Tasked with development of NPS Physics Laboratory website. Added search functionality, improved website layout using HTML/CSS/WordPress.

Extracurriculars:
- Developed UAV HUD and UAV tracking software for formation flying of drones
- Founder/President of UCLA technical entrepreneurship club, HackSpace
- Developed Android mobile application for professional YouTuber

Skills:
- c/c++, python, java, bash, sql, html, css, javascript, lua, agile, scrum, jira, visual studio, eclipse, assembly, ocaml, psycopg2, wordpress, linux, adobe illustrator/indesign, sony vegas, 155 wpm

Interests:
- entrepreneurship, strategic planning, hackathons, futurology/transhumanism, design, UI/UX, behavior analysis/psychology, video/audio/photo editing, game design, fitness, tennis, competition.