
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. 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 Crash and Burn Solutions team developing UAV collision-avoidance and GPS spoofing detection for the NASA Unmanned Aircraft Systems Airspace Operations Challenge.
- 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, psycpg2, 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.