
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.

Projects:

- Developed UAV HUD and UAV tracking software for formation flying of drones
- Developed Android networking application, Swipes For Advice
- Developed Android mobile application for professional YouTuber

Skills:

- c/c++, python, java, bash, sql, html, css, javascript, agile, scrum, jira, android, android studio, visual studio, eclipse, assembly, wordpress, linux, adobe illustrator/indesign, 155 wpm

Interests:

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