

James Luck

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Technical Experience

LinkedIn

August 2015-Present

Site Reliability Engineer

- Operator of thousands of RHEL machines across worldwide datacenters
- Search infrastructure scaling, triaging, and deep-dive failure analysis (Java)
- Python scripting for automation and autoremediation of multiple application stacks and microservices

Sourcefire VRT (Cisco Systems)

June-August 2014

Summer Intern

- Support for malware analysis lab and ClamAV distribution infrastructure
- Projects included: packaging production scripts and perl modules for FreeBSD, analyzing the impact of Akamai CDN services, optimizing mirrors of Snort and ClamAV rulesets

University of Delaware

February-October 2014

Research Assistant

- Bulk data collection using REST APIs and parallel git, analysis using Python
 - Collected and parsed 5 million Github projects for representative sampling
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Skills

Languages and Tools

- I speak python, bash, and golang well. Experience with Java, C, JS, a bunch more
- Platforms: VMware, KVM, all major PAAS vendors, Docker & LXC
- Automation: Ansible, Jinja, Salt, Packer
- Battle-hardened Linux user, pretty good with *BSD, I've seen Windows Server, Solaris

Home Server Lab

- Several physical and virtual servers hosting many internal services and websites for practice and testing of new technologies
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Education

University of Delaware

2011-2015

B.S., Computer Science; Concentration in Computer & Network Security

- Cumulative GPA: 3.57
 - University Scholar and Dean's List for 7 out of 8 semesters
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Other Experience

Linux Users' Group of the University of Delaware

2013-2015

President

- Planned/built a raspberry pi cluster to explore parallel programming
- Overhauled hardware and software stack to use modern machines & standardization
- Created a partnership with ACM for several hackathons and a github organization

References and recommendations available upon request.