JONATHAN DONAS

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TECHNICAL SKILLS

Security	Secure Programming	Penetration Testing	Applied Cryptography	Security Automation
Programming	Python	C++	C	Java	Assembly	Objective-C	Swift	Ruby	Git
Systems	Linux	Kali	Networks	Distributed Systems	Relational Databases

EDUCATION

Univ. of Waterloo
2015 - Present

Candidate for Bachelor of Computer Science with Business Option (3.7/4.0 GPA)
Expected graduation: April 2019

WORK EXPERIENCE

Apple
Cupertino
May 2018 – Aug 2018

Apple Pay Security
- Joined development of an iOS system daemon that improves user security and experience
- Built a Swift iOS application for internal end-to-end testing
- Implemented cryptographic communication protocols

Uber
San Francisco
May 2017 – Aug 2017

Threat Operations
- Implemented monitoring to expand the scope of internal abuse detection by 45%
- Refined detection signatures to reduce inbound false-positive alerts by 28%
- Reduced security triage work by 34 minutes/day using Python automation
- Performed secure code review and standardization for backend Python codebase
- Investigated network intrusion and internal systems abuse alerts

Difenda
Oakville, Canada
May 2016 – Aug 2016

Cyber Intelligence & Digital Forensics
- Wrote a Python web crawler to index the dark web for potentially-leaked company data
- Implemented a scalable distributed port scanner with AWS EC2
- Built a web-interface that performed location, spam blacklist, virus database, and registrar look-ups
- Researched, implemented, and tested honeypot clients for use in a global honeypot network

Univ. of Waterloo
Dec 2015 – Apr 2016

Undergraduate Research
- Developed a Python drone control architecture designed to coordinate drone flight across campus

iTel Networks
Kamloops, Canada
Jan 2015 – Aug 2015

DevOps
- Built a remote management tool with Python that automated setup of Cisco network devices
- Wrote full-stack web development documentation to standardize internal training

CERTIFICATIONS

OSCP	Offensive Security Certified Professional	July 2016
CCNA CO	Cisco Certified Network Associate: Cyber Ops	May 2017
CCNA R&S	Cisco Certified Network Associate: Routing and Switching	Oct 2015
CCENT	Cisco Certified Entry Networking Technician	May 2015

AWARDS & PROJECTS

Visit www.jondonas.com