

JONATHAN DONAS

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TECHNICAL SKILLS

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

EDUCATION

Univ. of Waterloo Bachelor of Computer Science with Business Option - 2019

WORK EXPERIENCE

Amazon **AWS Cryptography**
Seattle
July 2019 – Present

- Focusing on applied cryptography features as a software engineer
- Currently building out services for the AWS code signing team

Apple **Apple Pay Security**
Cupertino
May 2018 – Aug 2018

- 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 **Threat Operations**
San Francisco
May 2017 – Aug 2017

- 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

Difenda **Cyber Intelligence & Digital Forensics**
Oakville, Canada
May 2016 – Aug 2016

- 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 **Undergraduate Research**
Dec 2015 – Apr 2016

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

iTel Networks **DevOps**
Kamloops, Canada
Jan 2015 – Aug 2015

- 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

PROJECT WORK

 Visit www.jondonas.com