

James Droste

845-709-1302 • james@droste.im

<https://james.droste.im> • <https://linkedin.com/in/jtdroste>

WORK EXPERIENCE

Amazon Web Services, Seattle, Washington

Associate Security Engineer (7/2017 – Present)

- Keeping the cloud secure, one instance at a time.

Amazon Web Services, Herndon, Virginia

Security Engineer Intern (6/2016 – 8/2016)

- Shadowed and participated in multiple on-call shifts for Incident Response at AWS. Performed as the primary on-call engineer for an on-call rotation.
- Shadowed and participated in other business units of the team, involving our tooling development, upgrade campaigns, and threat intelligence
- Designed an internship program for future Security Operations interns

University at Buffalo, Buffalo, New York

Undergraduate Teaching Assistant (8/2014 – 5/2017)

- Teacher Assistant for the Computer Science Department
- Classes taught: Intro to Computer Science I (CSE-115), Intro to Computer Science II (CSE-116) and Intro to Operating Systems (CSE-421)

University at Buffalo, Network Defense, Buffalo, New York

System Administrator (11/2015 – Present)

- Responsible for administrating and managing a virtualized network, with 20 physical Virtual Machine hosts, and 3 storage servers
- Setup and managed enterprise-level monitoring of the infrastructure including NetFlow capture, centralized logging, and centralized authentication

VOLUNTEER EXPERIENCE

University at Buffalo Network Defense

(Virtual) Lecturer (8/2017 – Present)

- Created and taught a virtual Introduction to Offensive Security
- Mentored students interested in Cyber Security

EDUCATION

University at Buffalo, The State University of New York

Bachelor of Science in Computer Science

Independent Study: Network Security/Defense

Designed and taught curriculum to teach students an Introduction to Cyber Security

EXTRACURRICULAR EXPERIENCE

Northeast Collegiate Cyber Defense Competition

3/2017 – 3rd Place – Team Captain

3/2016 – Blue Team Member – Team Captain

3/2015 – Blue Team Member – Linux Administrator

Collegiate Penetration Testing Competition

11/2016 – National – 2nd Place – Lead Penetration Tester

11/2015 – Regional – 1st Place – Lead Penetration Tester

Networking & Systems Infrastructure Competition

4/2017 – 1st Place – Cisco and Linux Administrator

CERTIFICATIONS

Offensive Security Certified

Professional (OSCP)

CONCEPTS

Computer Networking

Incident Response

OSI Model

OWASP Top Ten

Packet Analysis

TCP/IP

PROGRAMMING

C

C++

GoLang

Java

JavaScript

MySQL

PHP

Python

Shell (bash, zsh)

SKILLS / ABILITIES

Networking

pfSense, Palo Alto, Cisco

IOS

OS Management/Hardening

Debian, Ubuntu, CentOS,

Fedora, FreeBSD, Mac OS X,

Windows Server

Penetration Testing

Cobalt Strike

Kali Linux

Metasploit

Virtualization

OpenVZ, KVM, VMware ESXi,

VirtualBox

VMware

vSphere Administration,

vMotion with DRS,

Virtual Distributed Switches