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## Education

### **Champlain College Burlington VT May 2015**

Bachelor of Science in Computer Networking and Information Security  
Specialization in Cyber Security, Minor in Digital Forensics  
Dean's list - 3.8 GPA | Trustee's Scholar  
Teacher's Assistant - Intro to Networking

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## Relevant Coursework

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| Networking & Security      | Computer Theory         |
| Windows Server Admin       | Linux Systems Admin     |
| Operating Systems          | Digital Forensics Tools |
| Operating System Forensics | Securing an Enterprise  |
| Penetration Testing        | Systems Security        |
| Defensive Security         | Offensive Security      |
| Web Development            | Web Programming         |
| Relational Databases       | Information Assurance   |

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## Technical

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| Administering & Hardening a network        | Intrusion Detection/Prevention Systems |
| Server Backups and Configuration           | Deploying Virtual Environments         |
| Services in Windows, Linux, BSD, & Solaris | Full-Stack Development                 |
| Agile & Scrum Software Development         | Automated Deployments                  |
| Converting Applications to Docker          | Perl, Python, TCL, C, C++, Java, Ruby  |
| Flask, SQLAlchemy, Rails, Sinatra          | ExtJS, JQuery, CoffeeScript            |

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## Experience

### **Dell SecureWorks Counter Threat Unit** | June 2015 - Present

#### *Information Security Research Advisor*

Delivered deployment pipelines for AWS, vRealize, and Marathon  
- Using Packer, Ansible, and Terraform (<https://bit.ly/2v5DbDW>)  
Converted Proof of Concept projects to full-stack production grade applications  
Dynamic Configuration Management using Vault  
Experimented with converting to Docker  
Python Flask development for various security- related tools  
Implemented ChatOps and maintained Hubot

### **Dell SecureWorks Counter Threat Unit** | May 2014 - August 2014

#### *Security Researcher Intern*

Developed web application to provide coverage metrics for iSensor Appliance  
- Using Python Flask and Extjs

### **Senator Patrick Leahy Center for Digital Investigation (LCDI)** | April 2013 to May 2015

#### *Network Administrator*

Imaged computers across a network using WDS  
Implemented a Backup Solution using RAID arrays and Domain Isolation  
Maintained a virtualized server environment using vSphere

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## Activities & Achievements

### **AWS Certified SysOps Administrator - Associate** | Fall 2017

### **AccessData Certified Examiner (ACE)** | Spring 2013

### **CompTIA Security+ Certified** | Fall 2013

### **VMware Certified Associate - Data Center Virtualization** | Fall 2013

Competed in the 2013, 2014, & 2015 North Eastern Collegiate Cyber Defense Competition  
Won contest to attend Black Hat Security Conference 2014  
Attended Defcon 21 & 22  
Attended Shmoocon 2018  
Attended DevopsDays Atlanta 2016  
Contributed to the Linux Kernel - bf5777bcd540661f2f5d531a13e4e9c9fb7ee22  
This resume has its own continuous delivery pipeline (<https://bit.ly/2HfOEpv>)

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