

# Hunter J. Gregal

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## EDUCATION

Champlain College*, Burlington, VT	May 2017
Bachelor of Science in Computer Networking and Cybersecurity	3.9 GPA
<ul style="list-style-type: none"><li>• Specialization in Cybersecurity, Minor in Digital Forensics</li><li>• President, Computer Networking and Information Security Club</li><li>• ITS Division Senator, Student Government Association</li></ul>	

## RELEVANT COURSEWORK

Anti-Forensics, Calculus, Computer and Network Security, Computer Theory, Criminal Law, Digital Forensics Tool Evaluation, Enterprise & Perimeter Security, Information Assurance, Intro to Digital Forensics, Java Programming, Network Systems Programming, O.S. Forensics, Public Speaking, Statistics, Sysadmin and Net Services, Systems Software, Technical Writing, TCP/IP, Web Systems and Security

## TECHNICAL SKILLS

- Administrating and Managing a Network
- Experience w/ Bash, Java, PHP, Python
- Linux Servers, Services, and OS
- Microsoft Office Suite
- Server Backup Solutions
- Web Application Exploitation
- Exploitation of Host Operating Systems
- Hardware Installation and Diagnostics
- Managing Active Directory
- Quick Learner
- Virtual Environments
- Windows Operating Systems

## PROFESSIONAL EXPERIENCE

NuHarbor Security, Burlington, VT	June 2015 – present
Security Engineer; Cybersecurity Intern	
<ul style="list-style-type: none"><li>• Conducted both network and application penetration tests for clients</li><li>• Assisted in conducting professional security audits and assessments for clients against frameworks such as ISO 27001, ISO 27001, and NIST Cyber Security</li><li>• Drafted detailed technical reports with findings from penetration tests and assessments</li><li>• Wrote catered Proposals in response to Request for Proposals (RFPs) for government and private entities</li><li>• Developed tools and programs utilizing Python, Python-Flask, PHP, and bash</li></ul>	
Senator Patrick Leahy Center for Digital Investigation, Burlington, VT	September 2013 – May 2015
Network Administrator	
<ul style="list-style-type: none"><li>• Managed a Windows domain controller with approximately 50 users</li><li>• Tasked with maintaining both a research network and an air-gapped forensics network</li><li>• Deployed and maintained multiple virtual server environments (ESXi)</li><li>• Oversaw a project team of 3 student researchers working on implementing distributed hash-cracking solutions</li><li>• Built and deployed an internal phishing campaign audit on 50+ employees</li><li>• Assisted in creating compressive documentation for user policies</li><li>• Diagnosed/fixed computer hardware and software related issues</li><li>• Implemented automated data backup solutions</li><li>• Aided in a senior research project that looked into large-scale deployment of Google Rapid Response (GRR)</li></ul>	

## OTHER EXPERIENCE

Camping World, Bridgeport, NJ	May 2014 – August 2014
Sales Associate	
<ul style="list-style-type: none"><li>• Provided customer service and handled customer-related issues</li><li>• Managed customer transactions</li><li>• Unloaded and shelved store products via weekly supply deliveries</li><li>• Maintained store appearance and cleanliness</li></ul>	

Young Men's Christian Association, Woodbury, NJ  
 Lifeguard, Youth Swim Instructor

June 2012 – June 2013

- Actively monitored an indoor pool area and occupants for medical emergencies
- Handled testing and adjustment of pool chemical levels to meet New Jersey standards
- Taught weekly swim classes for children ages 5-14 in groups of no more than 8 at a time
- Participated in monthly team-building exercises with fellow lifeguards and instructors

## ACHIEVEMENTS and ACTIVITIES

North Eastern Collegiate Cyber Defense Competition, University of New Hampshire	March 2016, '15, '14
<ul style="list-style-type: none"> <li>• Tasked with maintaining and defending a network and its services from a team of industry professionals</li> <li>• Won 3<sup>rd</sup> place along with 7 other team members (2016)</li> <li>• Won 2<sup>nd</sup> place along with 7 other team members (2014)</li> <li>• First Freshmen student to compete on the Champlain College NECCDC Team</li> </ul>	
Capture the Flag Competitions	2016, '15, '14, '13
<ul style="list-style-type: none"> <li>• Compete in Capture the Flag Cybersecurity Offensive Competitions building teamwork and problem solving skills in a fast paced environment</li> <li>• Events include: CSAW, PlaidCTF, C4CTF, UFO CTF School, Volga CTF, OCTF, Nuit du Hack CTF, and more</li> </ul>	
Student Employee of the Year	2015
<ul style="list-style-type: none"> <li>• Received Champlain College's first Student Employee of the Year reward</li> </ul>	
Dragon Boat Festival, Burlington, Vermont	August 2015
<ul style="list-style-type: none"> <li>• Setup and maintained the technical infrastructure for the festival</li> <li>• Managed a team of Champlain College volunteers providing IT support to event officials and organizers</li> </ul>	
DEFCON 23, Las Vegas, Nevada	July 2015
<ul style="list-style-type: none"> <li>• Received a full scholarship through Champlain College to attend the 23rd DEFCON hacker convention</li> <li>• Participated in a cybersecurity competition focused on web applications exploitation and physical security (lock-picking)</li> </ul>	
Computer and Enterprise Investigations Conference (CEIC), Las Vegas Nevada	May 2015
<ul style="list-style-type: none"> <li>• Received a full scholarship through Champlain College to attend the CEIC 2015 digital forensics convention</li> <li>• Attended various classes and hands-on labs taught by industry professionals on cybersecurity and digital forensics related topics</li> </ul>	
SkillsUSA Vermont Championships Proctor	April 2015, '14
<ul style="list-style-type: none"> <li>• Assisted in setting up, proctoring, and judging the IT maintenance portion of the competition</li> </ul>	
Student Employee of the Semester	December 2014
<ul style="list-style-type: none"> <li>• Selected as the student employee of the semester for the Fall work semester at the Leahy Center for Digital Investigation</li> </ul>	
United States Cyber Challenge Summer Camp, Virginia Tech	August 2014
<ul style="list-style-type: none"> <li>• Received a full scholarship to attend a week of security courses taught by certified SANS instructors</li> </ul>	
DEFCON 22, Las Vegas, Nevada	July 2014
<ul style="list-style-type: none"> <li>• Received a full scholarship through Champlain College to attend the 22nd DEFCON hacker convention</li> <li>• Attended numerous talks given by industry professionals on various security topics</li> </ul>	

\*Designated a National Center of Academic Excellence in Information Assurance Education by the National Security Agency and the Department of Homeland Security.