GRANT SMITH

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Hack the Box

Offensive Security Engineer | Penetration Tester

Highly collaborative and goal-oriented IT professional with over 6 years of experience optimizing networks, configuring security systems, systems administration, configuration, and penetration testing to strengthen business impact.

Skills

Web exploitation/API Hacking | System Design | System Security | Reverse Engineering | Open-source intelligence (OSINT) | Microsoft Office| Networking | Python Scripting | Program Management | Reconnaissance | Active Directory | Red Teaming | Leadership & Collaboration | Coaching | Excellent Communication Skills

CERTIFICATIONS

OffSec Certified Professional (OSCP) | OffSec, October 2023
GIAC Certified Incident Handler (GCIH) | GIAC, March 2024
GIAC Security Essentials (GSEC) | GIAC, December 2023
GIAC Foundational Cybersecurity Technologies (GFACT) | GIAC, October 2023
Certified Professional Penetration Tester (eCPPT v2) | eLearnSecurity, December 2022
Web Application Penetration Tester (eWPT) | eLearnSecurity, August 2022
Certified Ethical Hacker (CEH) | Practical, EC-Council, April 2022
Junior Penetration Tester (eJPT) | eLearnSecurity, December 2021
Security+ (Sec+) | CompTIA, November 2022
Dante Pro Lab | Hack the Box, June 2023

Clearance

TS/SCI w/ FS poly | DOD | Active

EDUCATION

Bachelor of Science in Cybersecurity Management | Virginia Tech | Blacksburg, VA

PROFESSIONAL EXPERIENCE

ASSOCIATE SECURITY ENGINEER INTERN – RED TEAM | The Walt Disney Company, Burbank, CA | Aug 2023 – Dec 2023
- Received and accepted a return offer to continue this internship in the Fall 2023 semester.

ASSOCIATE SECURITY ENGINEER INTERN – RED TEAM | The Walt Disney Company, Burbank, CA | May 2022 – August 2022
- Assisted with anti-virus evasion, active directory exploitation, open-source intelligence (OSINT), web exploitation, red teaming, command and control (C2), application programming interface (API) hacking, etc.
- Identify, troubleshoot, and resolve issues with the systems, servers, hardware, applications, and software.
- Assist with attacking all aspects of the company's network and computer security, including local area networks, wide area networks, virtual private networks, routers, firewalls, and other related network equipment.

ASSISTANT MONTEREY PHOENIX THREAT MODELING COACH | Naval Postgraduate School, Virtual | Jul 2020 – Aug 2020
- Scheduled and oversaw practice sessions, kept training modules up-to-date, and organized team activities.
- Supported the lead professor and handled administrative tasks.
- Provided training instruction, inspiration, and advice to students to prepare them for real world threat modeling.

INTERN | National Security Agency & Naval Postgraduate School, Virtual | Jun 2020 - Jul 2020

- Contributed to creating and rolling out a comprehensive strategy to safeguard the communication chain between drones, operators, and weapon systems.
- Presented findings to senior leadership that created impact on the way the DOD handles autonomous drones and weapon systems.

INTERN | US Army Cyber Command, Virtual | Jun 2020
- Contributed to creating custom exploits for embedded systems.
- Conducted security testing to identify vulnerabilities; kept up with shifting best practices and potential dangers in information technology security.
- Learned about the internal structure of Cyber Command and how teams integrate with one another.

TECHNICAL SUPPORT SPECIALIST | American Graphics Institute, Woburn, MA | May 2016 - August 2020
- Served as the company's first point of contact with employees, documenting their concerns, identifying their causes, and keeping them apprised of developments.
- Contributed to the quality assurance testing of newly designed and implemented procedures and upgrades inside, ensuring client satisfaction by listening carefully to personal needs and developing bespoke solutions.
- Completed the setup, maintenance, and upgrading of over 80 systems in three office locations.

EXTRACURRICULARS

Speaker
- HackSpaceCon 2024 - Spoke on EDR /AV evasion techniques and tips.
- AvengerCON VIII 2024 - Spoke on EDR /AV evasion techniques and tips.
- AvengerCON VII 2022 - Spoke on attacking GraphQL API endpoints

President| The Cybersecurity Club at Virginia Tech | April 2022 – April 2023
- Leads all club initiatives including competitive teams, creating CTFs, managing partnerships, recruiting, and teaching/creating lesson plans.

Officer In Charge | Virginia Tech Corps of Cadets Cyber Team | April 2022 – April 2023
- Organizes events and training for the team, works with faculty to arrange travel, manages recruitment.
- Organized the training merger between the Corps of Cadets Cyber Team and the Cybersecurity Club at Virginia Tech.

Teaching Assistant | Virginia Tech | Spring 2023
- TA for Linux and Secure Operating Systems for Business

Scholar | RSA Conference | 2022-23
- Selected as one of two students to represent Virginia Tech at the 2023 RSA Conference where I will get the opportunity to learn and network with from experts in the industry, as well as network with top students in the field from other schools.

Security Researcher
- Discovered CVE-2023-24058
- Blog available at blog.smithsecurity.biz

CTFs

DEFCON Red Team CTF – 12th | SMC Cyberfusion- 2nd| Hack the Hospital Red Team – 3rd
MA CCDC Regionals – 5th | DEFCON AppSec Village CTF | ARCENT Best Cyber Warrior – 1st
Hack for the Troops – 7th | MetaCTF 2019,20,21 | RSAC 23 SANS Netwars – 9th | And many more!