John Hammond

www.johnhammond.org
github.com/JohnHammond

(603) 707-8858
johnhammond010@gmail.com
youtube.com/johnhammond010

Penetration Testing   **Linux Administration**   **Web Development**   **Software Engineering**

Python, C, C++, C#, Assembly, Bash, PowerShell, PHP, HTML, CSS, JavaScript, SQL, Git, Regex, Docker, VMware, AWS

EDUCATION

- **US Coast Guard Academy**   New London, CT
  Electrical Engineering, Computer Emphasis   *June 2014 - May 2018*
    - **Cybersecurity Team Captain:** lead the team to first-place in multiple competitions. Personally developed training material, and briefed VIPs: Commandant, Congressman, and more.
    - **Co-Instructor:** authored the material and taught the *Introduction to Linux* course during 2016 & 2017.

PROFESSIONAL TRAINING & CERTIFICATIONS

- **SANS**   Alexandria, VA & Online
    - **SEC560: Network Penetration Testing and Ethical Hacking**
      1st place victor at culminating penetration test competition, top-10 scorer in NETWARS and Cyber City.
    - **SEC542: Web App Penetration Testing and Ethical Hacking**
    - **SEC505: Securing Windows and PowerShell Automation**
- **Department of Defense: Internship** (TS/SCI, CI polygraph)
- **CompTIA Security+** (2019)
- **OSCP - Offensive Security Certified Professional** (2019)

COMPETITIONS & EVENTS

US Navy "HackTheMachine" *(2017) 1st Place*	**US Army "CYBERSTAKES"** *(2015, 2016, 2017) 2nd place*	**UConn "CyberSEED"** *(2015, 2016, 2017) 2nd place*
DoD "Cyber Guard/Flag" *(2016,2017)*	**DEFCON "Capture the Packet"** *(2017) 2nd place, (2019) Challenge Developer*	**NSA Cyber Exercise** *(2017) 2nd place*
LCE "HackWarz" *(2017) 2nd Place*	**SANS Holiday Hack Challenge** *(2015, 2017) Super Honorable Mention*	**Booz Allen Hamilton "KaizenCTF"** *(2017) 1st place Personal, 2rd place Team*
BsidesDC "Pros vs. Joes" *(2018) 1st Place*	**OWASP Boston** *(2018) Red Team Lead*	**BsidesCT, BsidesDE, BsidesTampa** *(2018) Speaker & Presenter*
CyberPatriot *(2019) Technical Mentor*	**CMU's PicoCTF** *(2019) Challenge Developer*	**BsidesLV "Pros vs. Joes"** *(2019) Blue Team Captain*

WORK EXPERIENCE & PROJECTS

- **Red Team Cyber Operator** with the Defense Threat Reduction Agency (DTRA). Emulated advanced persistent threats as a penetration tester with expertise in network exploitation, lateral movement and local privilege escalation. Extensive use of Linux shell scripting, kernel and userland rootkits. *(2019 - Present; SilentTrinity, Bloodhound, Covenant, Watson)*
- **Instructor & Curriculum Developer** with the Department of Defense Cyber Crime Center (DC3): Cyber Training Academy (CTA). Created material and taught military members Cyber Threat Emulation and Red-Teaming, regarding offensive Python, PowerShell, and multiple open-source frameworks *(2018 - 2019; Nessus, Metasploit, Empire, ExploitDB)*
- **Frontend Development & Backend Security** with PumpOut.me & HRaspirin/Blupass; version control with an internal repository, developed user interface and server logic. *(2017 - 2018; Bash, PHP Laravel, Vue.js, SQL, HTML, CSS, Git)*
- **Incident Response** with ManageInfinity and Blue Team Alpha, providing infrastructure support and forensic analysis to ensure the confidentiality, integrity, and availability of key services. *(2018 - 2019; GRR, Endgame, AWS, VMware, Git)*
- **Sandbox Deployment & Provisioning** with corporate network services and infrastructure, like Active Directory/web servers/FTP/DNS/e-mail servers/databases. *(2017; VMware, Docker, PowerShell, PowerCLI, C#)*

:(){ :|:& };: