COLE HOUSTON

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SKILLS

- **Languages**: Python, JavaScript, C#, VBA, Bash, PowerShell, Java, PHP, C, x86 Assembly, ARM Assembly
- **Tools**: Burp Suite Pro, Metasploit, Bloodhound, Windbg, GDB, IDA, JD-GUI, dnSpy, Wireshark, Defender ATP
- Web Application Security
- Static Code Analysis
- Network Penetration Testing
- Exploit Development
- Physical Security
- Antivirus Evasion

EXPERIENCE

PENETRATION TESTER, TRUSTFOUNDRY
August 2021 – Present

- Performed web application, mobile application, and network penetration tests
- Reviewed source code in web applications to find and exploit vulnerabilities
- Provided technical documentation of discovered vulnerabilities to clients
- Developed custom tooling to use in a variety of engagements and evade antivirus

INCIDENT RESPONSE SPECIALIST, KIEWIT
May 2020 – July 2021

- Led application security assessments to discover and exploit vulnerabilities
- Investigated security incidents and the events leading to them
- Reverse engineered active malware to extract information
- Hunted for potential security threats using PowerShell and Kusto
- Optimized security tool performance and improved security posture
- Automated lookalike domain discovery

CERTIFICATIONS

- OSCE3 (Offensive Security Certified Expert 3) — December 2021
  - OSED (Offensive Security Exploit Developer) — November 2021
  - OSEP (Offensive Security Experienced Penetration Tester) — July 2021
  - OSWE (Offensive Security Web Expert) — May 2021
- OSCP (Offensive Security Certified Professional) — January 2021
- CEH (Certified Ethical Hacker) — November 2020

EDUCATION

BACHELOR OF SCIENCE IN CYBERSECURITY, MINOR IN COMPUTER SCIENCE
April 2020

- Northwest Missouri State University (Maryville, MO)
- Cumulative GPA: 3.32/4.00

ACTIVITIES

- National Cyber League – Placed within top 0.3% nationally in individual game — April 2020
- Collegiate Cyber Defense Competition – Competed in Midwest regionals — February 2019
- National Cyber League – Achieved 10th place nationally in team game — November 2018