

# COLE HOUSTON

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## SKILLS

- **Languages:** Bash, Python, PowerShell, Kusto, Java, C, x86 assembly, ARM assembly, SQL, HTML, CSS, JavaScript
- **Tools:** Wireshark, Burp Suite, URH, GDB, IDA, Radare, Nmap, Metasploit, Snort, VMware VSphere
- Web Application Security
- Network Penetration Testing
- Physical Security
- Static Code Analysis
- Threat Hunting
- Radio Frequency Analysis

## EXPERIENCE

### INCIDENT RESPONSE SPECIALIST, KIEWIT

May 2020 – Present

- 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
- Carried out projects to optimize security tool performance and improve security posture
- Automated lookalike domain discovery

### TEACHER ASSISTANT, NORTHWEST MISSOURI STATE UNIVERSITY

January 2019 – April 2020

- In charge of maintenance and upgrades for on-campus networking lab
- Created and led weekly lab sessions for networking and hacking courses
- Configured Cisco routers and switches
- Responsible for grading and handling students' work

## CERTIFICATIONS

- OSWE (Offensive Security Web Expert) May 2021
- OSCP (Offensive Security Certified Professional) January 2021

## EDUCATION

### BACHELOR OF SCIENCE IN CYBERSECURITY, MINOR IN COMPUTER SCIENCE

April 2020

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

### SUPPLEMENTARY EDUCATION COURSES

April 2018 – Present

- **Pluralsight:** Reverse Engineering, PowerShell, Incident Response and Management
- **Pentester Academy:** Completed Attacking Active Directory with Linux course

## 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 10<sup>th</sup> place nationally in team game November 2018