David Wolfe

Dedicated GIAC certified security professional with a passion for problem solving and teamwork

EXPERIENCE

Mandiant, Denver, CO— *Red Team Intern*

June 2022 - August 2022

- Conducted External/Internal penetration tests, vulnerability scans
- Contributed to [Route-Sixty Sink](#) project
- Performed phishing, vishing, and general social engineering

RSM US LLP, Ames, IA— *Cyber Testing Intern*

June 2021 - August 2021

- Conducted External/Internal penetration tests, vulnerability scans
- Assessed threats, risks and vulnerabilities from emerging security issues to advise pertinent stakeholders on appropriate measures

Collins Aerospace, Cedar Rapids, IA— *Product Security Intern*

May 2019 - June 2021

- Worked with a small team to develop and deploy a web app to aggregate and display rest API data (JIRA)
- Conducted security tests involving tcp/udp flooding, port scanning, network enumeration, and exploit testing
- Wrote data fuzzers using boofuzz and libfuzzer
- Conducted independent research into the use of different access control applications such as AppArmor and SELinux.

Mount Vernon Community School District, Mount Vernon, IA— *IT Student Worker*

May 2017 - May 2019

EDUCATION

The SANS Technology Institute, Bethesda, MD—
Undergraduate Certificate in Applied Cybersecurity (GPA: 4.0)
July 2022

- Top 100 in SANS Cyberstart Game and Cyberstart Essentials
- Awarded Scholarship for Cyberstart Essentials
- Awarded a full scholarship to pursue an Undergraduate Certificate in Applied Cybersecurity

Iowa State University, Ames, IA—
Cyber Security Engineering (GPA: 3.98)
Expected in May 2023

- President of Information Assurance Student Group (IASG)
- Founded the IASG Capture the Flag (CTF) team
- Participated in Capture the Flags, and Cyber Defense Competitions (CDC)

SKILLS

Python 2/3, Java, C++

Boofuzz/LibFuzzer

Agile Development

Penetration Testing

Vulnerability Assessment

Social Engineering

AWARDS/CERTS

GIAC Certified Incident Handler (GCIH)
Passed exam with a 93%

GIAC Security Essentials Certificate (GSEC)
Passed exam with a 96%

GIAC Penetration Tester (GPEN)
Passed exam with a 96%

Excellence Award for AppArmor vs SELinux presentation
Monetary award for useful research and presentation into MAC programs

1st Place NCL Spring 2022 Team Game
SANS Gold 1 team.

PROJECTS

Topographic Sandbox
Designed, programmed, and built an augmented reality topographical sandbox

Personal Website
Designed and maintain a small personal website

CalHack Hackathon
Programmed an interactive map of the United States that displayed the spread of COVID-19 vs misinformation