

Andrew Smith

andy@ajsmith.us — 804.475.7801 — Midlothian, VA

Education

George Mason University, Fairfax, VA

Expected graduation: May 2021

Cyber Security Engineering, B.S.

Relevant coursework: Computer Networking, Operating Systems Fundamentals, Systems Engineering Principles, Computer Programming for Engineers, and Introduction to Cyber Security.

Honors College. Dean's List. GPA: 4.0

Appomattox Regional Governor's School, Petersburg, VA

June 2017

Technology Major, GPA: 4.35

Relevant coursework: AP Computer Science, Introduction to Engineering, Engineering Mechanics: Statics

Experience

SingleComm, Richmond, VA

June 2017 — Present

Information Security Analyst

- Ensure information security and PCI DSS compliance in Linux servers and in Amazon Web Services.
- Use tools such as Metasploit Pro and Burp for vulnerability assessment and manual pentesting.
- Deploy and maintain OSSEC intrusion detection and Kibana/Elasticsearch/Logstash alert aggregation.
- Create and implement security policies and documents.
- Use AWS GuardDuty, CloudTrail, and CloudWatch to monitor security events and logs.
- Respond to security alerts and perform weekly security audits of log files and privileged users.

Federal Reserve Bank of Richmond, Richmond, VA

May 2018 — August 2018

Information Security Intern

- Led a project to automate the processing of phishing test results which increased overall efficiency.
- Created a script to automate the identification of phishing emails.
- Contributed to a quarterly vulnerability assessment, including searching for unauthorized wireless networks and scanning printer VLANs.
- Used Nessus, Qualys, Burp, and Nmap to perform penetration tests.
- Built a tool to scan social media for potential threats and data breaches.
- Automated generation of security reports for executive management.
- Created scripts to automate data analytics and tools to automate the department's security workflow.

Robotics Team Programming Captain, Petersburg, VA

2014 — 2017

- Lead programmer for the competition robot which used Java, Python, and LabVIEW.
- Created and maintained the robotics team website using MeteorJS and React running on a Debian VPS.

Technical Skills

Programming: Python, PowerShell, Java, JavaScript/Node.js, PHP, C

Tools: Metasploit Pro, Burp Suite, Nessus, Ansible

Operating Systems: Linux (Ubuntu/Debian), Windows

Cloud: Amazon Web Services, G Suite

Applications: Microsoft Excel, Adobe Illustrator

Activities & Awards

- Mason Competitive Cyber Club, 2017 — Present
Student organization focused on cybersecurity education and capture-the-flag competitions.
- Cybersecurity capture-the-flag competitions
 - GE GhostRed 2017 — 2nd-place
 - PicoCTF 2017 & 2018
 - Grimm HAX 2018
- National Honor Society, 2015 — 2017
- Eagle Scout, 2014