Collin Sherman | collinsherman.github.io | LinkedIn

1600 N Oak St, Apt 902, Arlington, VA 22209 • collin.sherman@navy.mil • (202) 809-4015

_____

EDUCATION

Washington and Lee University, Lexington, VA   *Graduated May 2019*
Bachelor of Science in Computer Science, minor in Russian Language and Culture
Relevant Coursework: Algorithm Design & Analysis, Android Application Development, Computer Organization, Database Management, Neural Networks & Graph Models, Operating Systems, Programming Language Design, Software Development, Theory of Computation, Discrete Mathematics, Linear Algebra, Multivariable Calculus, Advanced Russian

SKILLS

Coding: Python, C, Assembly, Java, JavaScript, HTML, Haskell, Erlang, Bash, PostgreSQL
Other: Git, Windows, Linux; Russian

HONORS & AWARDS

Eagle Scout, Washington and Lee Football Captain, ODAC All-Conference Football Team, ODAC All-Academic Team

EXPERIENCE

Naval Information Warfare Center (NIWC) Atlantic, Washington, DC   *August 2019-Present*
Computer Scientist
- Primarily supporting Navy Authorizing Official (NAO); worked with both NAO3 (Authorization & Assessment) and Risk Management Framework (RMF) teams
  o Building sites in SharePoint for the migration to a more efficiently maintained and cleaner user experience for the NAO teams
  o Development on Cybersecurity Lifecycle Information Platform (CLIP) using JavaScript, Python
- Support Naval Innovative Science & Engineering (NISE) Generative Adversarial Image Super Resolution (GAISR) Project
  o Using neural networks to improve resolution on satellite images when zooming in
  o Development in Python using the PyTorch framework
- Currently waiting for TS/SCI with Polygraph; once obtained, will be migrating to Tool Development position with Navy Cyber Warfare Development Group (NCWDG)

Bluestone Analytics, Charlottesville, VA   *May 2018-July 2019*
Cybersecurity and Python Development Intern
- Created advanced data collection programs in Python using Scrapy scraping framework
  o Used for data aggregation from the "TOR" network to track and find individuals operating in anonymity, as well as monitor for possible threats
- Strong experience with ElasticSearch and AWS
- Built Suricata network sensors for intrusion detection and prevention
- Experience working with/configuring Raspberry Pi devices
- Learned basic cryptography & security practices
- Experience writing technical, detailed documents

COLLEGIATE EXTRACURRICULAR ACTIVITIES

Washington and Lee Football Team Captain, Running Back
- Lettered all four years, becoming a starter junior year, helping to lead our team to our class's second conference championship and making us the most-winning class in school history
- Afforded me the opportunity to be a part of athletic clubs (Fellowship of Christian Athletes, treasurer of Boxing Club, 24) and be appointed to our Generals' Leadership Academy

Maury River Middle School Student Mentor
Washington and Lee Radio (WLUR) DJ