

Tobias J. Schneider

schneidertj@protonmail.com
github.com/tobyschneider
linkedin.com/in/tobiasjschneider

TECHNOLOGY *Languages:* Python, Java, JavaScript, C/C++, Bash, SQL
Tools & Libraries: Wireshark, nmap, Snort, Metasploit, Burp Suite, Proxmox VE, iptables, PFSense, Postfix, Git, Node.js, Express.js, MongoDB, Mongoose

EXPERIENCE *Software Developer - VCU Radiation Oncology* Fall 2018 - present

- Developing the web server for an application allowing physicians to track patient cancer treatments during diagnosis, treatments, and their follow up visits
- Designing/implementing a REST API using Node.js and Express.js to handle HTTP requests and perform MongoDB database transactions using Mongoose for schema validation

Mid-Atlantic Collegiate Cyber Defense Competition (MACCDC) Spring 2018 - 2019

- Worked under pressure to defend several web servers from professional red teamers
- Performed Linux/Windows server administration, patching/hardening, and host firewall management, wrote playbooks detailing vulnerability management
- Promptly wrote and delivered incident response reports to mock law enforcement officers
- Finished in 2nd place as part of the VCU team in 2019

VCU Cyber Security Club Fall 2017 - present

- Learned and taught fundamental security topics such as application security (OWASP Top 10), reverse engineering binaries, and penetration testing in a hands-on learning environment

Data Engineer Intern - United Network for Organ Sharing (UNOS) May - August 2018

- Worked with CTO to create a dashboard visualizing core product availability and network traffic over time
- Used Java, SQL, and Tableau to build data pipelines and dashboards for UNOS executives

EDUCATION *B.S. - Computer Science (graduating May 2019)* August 2015 - present
Minor in Mathematics
Virginia Commonwealth University, Richmond, VA
Relevant coursework:

- Cyber Security (CMSC 413)
- Computer and Network Security (CMSC 414)
- Cryptography (CMSC 415)

AWARDS *ODU CyberOPS'18 CTF* September 2018

- Placed in top 5 competing teams (rank 5/17)

SANS Institute - CyberStart CTF August 2017

- Placed in the top 3.4% of competitors (rank 133/3935)