

Tobias J. Schneider

schneidertj@vcu.edu
github.com/tobyschneider
linkedin.com/in/tobiasjschneider

TECHNOLOGY	<i>Languages:</i> Python, Java, HTML/CSS/JavaScript, C/C++, Bash, SQL <i>Tools & Libraries:</i> Wireshark, nmap, Snort, Metasploit, Burp, Proxmox VE, iptables, PFSense, Postfix, Docker, Git/GitHub, Node.js, Express.js, MongoDB, Mongoose <i>Operating Systems:</i> Linux (Debian, Kali, CentOS), BSD, Windows Server 2016	
EXPERIENCE	<i>Software Developer - VCU Radiation Oncology</i>	Fall 2018 - present
	<ul style="list-style-type: none">• Developing the web server for an application allowing physicians to track patients' cancer treatments throughout diagnosis, treatments, and follow up visits• Designed and implemented a REST API using Node.js and Express.js to handle HTTP requests and perform MongoDB database transactions using Mongoose	
	<i>Mid-Atlantic Collegiate Cyber Defense Competition</i>	Spring 2018 - present
	<ul style="list-style-type: none">• Worked under pressure to defend several web servers from professional penetration testers• Performed Linux/Windows server administration, patching/hardening, and firewall management• Promptly wrote and delivered incident response and malware analysis reports as a collaborative effort• As part of the VCU team, qualified for regional finals (only top 8 schools out of 33 qualified)	
	<i>VCU Cyber Security Club</i>	Fall 2017 - present
	<ul style="list-style-type: none">• Both 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	
EDUCATION	<i>Data Engineer Intern - United Network for Organ Sharing (UNOS)</i>	May - August 2018
	<ul style="list-style-type: none">• 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	
	<i>B.S. - Computer Science (graduating May 2019)</i>	August 2015 - present
	Minor in Mathematics Virginia Commonwealth University, Richmond, VA	
	Relevant coursework: <ul style="list-style-type: none">• Cyber Security (CMSC 413)• Computer and Network Security (CMSC 414)• Cryptography (CMSC 415)	
AWARDS	<i>ODU CyberOPS'18 CTF</i>	September 2018
	<ul style="list-style-type: none">• Placed in top 5 competing teams (rank 5/17)	
	<i>SANS Institute - CyberStart CTF</i>	August 2017
	<ul style="list-style-type: none">• Placed in the top 3.4% of competitors (rank 133/3935)	