

Conner Steenrod

conersteen@fastmail.com | (804) 955-6592 | <https://conersteen19.github.io> | Richmond, Virginia

Education

University of Virginia | Fourth Year *Expected Graduation: May 2022*
B.S. in Mechanical Engineering, School of Engineering and Applied Science
Minor: Computer Science
GPA: 3.5

Deep Run High School | 6th In Class *Graduation: June 2018*
Center for Information Technology Program

Experience

Rolls-Royce Defence | Test Operations Engineering Intern *June 2021 – Aug 2021*
- Helped with process of installing and testing standards on production and developmental jet turbine engines.
- Developed modernized methods for recording and analyzing test data including use of Excel and internal software packages.

Turner Construction | Construction Engineering Intern *July 2020 – Aug 2020*
- Helped manage project for the Architects of the Capital including work with superintendents, subcontractors, engineers, quality assurers, and safety managers.
- Learned about internal operations and branches of Turner as well as obtaining OSHA 30 Certification.

Richweb Inc | Network Engineer *June 2017 – June 2020*
- Founded NEAT Rack program in conjunction with RVA-IX to provide a semester long curriculum teaching network engineering.
- Worked with clients in network debugging and provisioning of servers.

St. Catherine's School | LEGO Robotics Coach *Aug 2014 – Aug 2019*
- Mentored all-female FIRST LEGO League teams and assisted with project development, robot design, and programming.

University of Virginia | Teaching Assistant *Aug 2019 - Present*
- Held office hours, assisted during lecture, and helped grade papers for Discrete Mathematics and Ordinary Differential Equations classes.

Kings Dominion | Ride Operator *May 2019 – Jan 2020*
- Ran 7 different rides in Planet Snoopy, including the highest-level operator position.

Organizations and Affiliations

Collegiate Cyber Defense Competition | Co-Captain *Nov 2018 – Present*
- Two Time National Champions (2019, 2020).
- Responsible for maintaining and defending an enterprise network infrastructure against an active Red Team.
- Manage the Palo Alto Firewall and assist with Linux and Network Security.

Theta Tau Engineering Fraternity | Secretary *Feb 2019 – Present*
- Connect with other brothers and professionals in the engineering industry.
- Manage social media and communication channels with alumni and members.

Virginia Motorsports | Member *Aug 2019 – Present*
- Complete workshops and work on various community projects repairing and designing automobiles for collegiate competitions such as Baja Racing.

Skills

Mechanical Engineering and Engineering Business

Matlab	Microsoft
Mathmatica	Office Suite
AutoCAD	PMBOK
Inventor	Project
Bluebeam	Mgmt.
Revu	SCRUM/Agile
Procore	

Computer Science and Network Engineering

Ubuntu	Visual Basic
Debian	Java
KVM	Python 2/3
VIM	C++
IP and Subnetting	Windows 7/8/10
PFsense, BSD	HTML, CSS,
Palo Alto	JavaScript
Cisco, Jupiter	Git/Github
Networking	Ansible

Interests

Mechanical Engineering
Operations and Management
Network Engineering
Computer Science
Project Management
Engineering Business

Awards and Certs

OSHA 30 *Aug 2020*
1st Place Team *April 2019, 2020*
National Collegiate Cyber Defense Competition (NCCDC)
Dean's List *Jan 2019*
University of Virginia
Impact Award *May 2018*
Deep Run High School
National AP Scholar *July 2018*
College Board
NOCTI Web Design *Mar 2017*

Projects

Project Utopia
Dec 2017 – May 2018

Full-Scale modeled Theme Park created in theme park simulator Planet Coaster. Park includes 5 custom roller coasters and individually designed buildings and scenery.