

Conner Steenrod

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

Education

University of Virginia | Second Year *Graduation: May 2022*
B.S. in Mechanical Engineering, School of Engineering and Applied Science
Minor: Computer Science
GPA: 3.23

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

Experience

Richweb Inc | Network Engineer *June 2017 – Aug 2018*

- Founded NEAT Rack program in conjunction with RVA-IX to provide a semester long curriculum teaching network engineering and old hardware in server racks to 10+ high schools
- Worked with clients in network debugging and provisioning of servers
- Deployed Icinga system to monitor 50+ servers in PixelFactory Data Center

St. Catherine's School | LEGO Robotics Mentor *Aug 2014 – Aug 2019*

- Mentored all-female FIRST LEGO League teams and assisted with project development, robot design, and programming
- Ran a summer camps for 1-2 weeks teaching the basics of 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 – Aug 2019*

- Ran 7 different rides in Planet Snoopy, including the highest-level board position

Organizations and Affiliations

Collegiate Cyber Defense Competition | Firewall Admin *Nov 2018 – Present*

- Responsible for maintaining and defending an enterprise network infrastructure against an active Red Team
- Specialize in firewalling and networking
- Manage the Palo Alto Firewall and assist with Linux and Network Security

Theta Tau Engineering Fraternity | Pledge Master *Feb 2019 – Present*

- Connect with other brothers and professionals in the engineering industry
- Acting pledge master and helping run events and manage the pledging process

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

Association for Computing Machinery | Vice President *Aug 2018 – Present*

- Manage ACM external communications with outside organizations and companies
- Organize and attend ACM events for students

Engineering Student Council | Committee Member *Sept 2018 – Aug 2019*

- Served on the Academic and Professional Development Committee to run events

Skills

Mechanical Engineering and Engineering Business

Matlab	PMBOK
Mathmatica	Project
AutoCAD	Mgmt.
Inventor	SCRUM/Agile
NoLimits2	Project
Planet	Mgmt.
Coaster	Customer Service

Computer Science and Network Engineering

Ubuntu	Java
Debian	Python 2/3
KVM	C++
VIM	Windows
IP and Subnetting	7/8/10
PFsense,	Microsoft Office
Palo Alto	HTML, CSS,
Cisco, Jupiter	JavaScript
Networking	Icinga
Devices	Ansible

Interests

Mechanical Engineering
Network Engineering
Integrated Systems
Theme Park Engineering
Computer Science
Project Management
Engineering Business

Awards

1st Place Team *April 2019*
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

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.