Conner Steenrod

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

Education

University of Virginia | Third Year   *Expected Graduation: May 2022*
B.S. in Mechanical Engineering, School of Engineering and Applied Science
Minor: Computer Science
GPA: 3.35

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

Experience

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 – Present*

- 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

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

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

Kings Dominion | Ride Operator   *May 2019 – Jan 2020*

- 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*

- 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 | New Member Educator   *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 – May 2020*

- Manage ACM external communications with outside organizations and companies
- Organize and attend ACM events for students such as professor dinners.

Skills

Mechanical Engineering and Engineering Business

Matlab	NoLimits2
Mathmatica	Planet Coaster
AutoCAD Inventor	PMBOK
Bluebeam Revu	Project Mgmt.
Procore	SCRUM/Agile

Computer Science and Network Engineering

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

Interests

Mechanical Engineering
Network Engineering
Integrated Systems
Theme Park 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.