

Conner Steenrod

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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: 3.547

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.

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

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.

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

Skills

Mechanical Engineering and Engineering Business

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

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, JavaScript
Palo Alto	Git/Github
Cisco, Jupiter Networking	Ansible

Interests

Mechanical Engineering
Test Engineering
Mechatronics
Network Engineering
Computer Science
Project Management

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.