

# Conner Steenrod

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## Education

**University of Virginia** | Second Year *Graduation: May 2022*  
B.S. in Mechanical Engineering, School of Engineering and Applied Science  
Minors: Computer Science and Engineering Business  
GPA: 3.22

**Deep Run High School** | 6<sup>th</sup> 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

**Cleartrail Real Estate** | Web Developer *Aug 2017 – June 2018*

- Created cloud-hosted website for client use to explore 20+ offered properties
- Developed a backend system for managing visible properties and housing options

**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** | Brother *Feb 2019 – Present*

- Connect with other brothers and professionals in the professional engineering industry
- Participate on pledge committee helping plan and run events for pledges

**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

**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

**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/Agil
NoLimits2	Project
Planet	Mgmt.
Coaster	Customer Service

### Computer Science and Network Engineering

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

## Interests

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

## Awards

**1<sup>st</sup> 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.