**EDUCATION**

**University of Virginia (GPA: 3.612/4.0)** **Charlottesville, VA**

*Anticipated B.S. in Computer Engineering 2024*

Classes taken: Programing & Data Representation, Theory of Computation, Advanced Software Development, Electrical and Computer Engineering I/II/III, Digital Logic Design, Ordinary Differential Equations, Discrete Mathematics, Linear Algebra I, Multivariable Calculus, Machine Learning, Cybersecurity

**Tabb High School** **Yorktown, VA**

*High School Diploma 2016-2020*

Governor's School for Science and Technology in conjunction with Thomas Nelson Community College

**SKILLS**

## Python/Python Iron, C++, Java, C, Matlab, HTML, CSS

**PROFESSIONAL EXPERIENCE**

**UVA Student Tutoring**  **Charlottesville, VA**

*Math, Physics, Chemistry, and Computer Science Tutor September 2021 – Present*

## Tutoring service offered to engineering students at the University of Virginia

* Effectively managed a demanding and successful tutoring schedule for over 20 students while being a full time student

**NASA**  **Hampton, VA**

*Intern June 2020 – August 2020*

## An in depth application and extension of the previous mentorship research by comparing several methods for animating CAD structures for space structures.*.*

## Animation applications included: SpaceClaim, SpaceClaim-Motion, Algoryx Momentum

**CyberPatriot Team**  **Yorktown, VA**

*Leader/Mentor June 2019 – Present*

## Leadership position in charge of multiple teams to carry out the objectives for teaching, training , and offering insights of how to overcome challenges found in a cyber security competition.

## Overseeing hands-on experience for vast cyber security competition knowledge to high school competitors.

**PROJECTS**

**University Class Organizer/Study Buddy Finder** *February – Present*

Created a Django based website along with 4 other people that used UVa’s class API to coordinate study times with other students in the same classes.

**Community Environmental Infrastructure Improvements Research** *August 2020 – December 2020*

Conducted local research in the community about how to improve surface water irrigation and mitigate flooding by offering enhancements to neighborhood communities and roadway designs.

**AWARDS AND HONORS**

University of Virginia Dean’s List, Platinum level CyberPatriot 2nd & 3rd in state, Junior Surface Navy Warfare Award, 5th Nationally for JROTC Academic Bowl

**ACTIVITIES**

NJROTC Operations Officer *September 2019 – June 2020*

Cavalier Autonomous Racing *December 2022 – Present*

CyberPatriot *September 2016 – Present*

UVA Survivor Club *August 2021 – Present*

Local Food Bank Volunteering  *August 2020 – Present*

Immaculate Conception Catholic Church Volunteering *2010 – Present*