**Nicholas Talton**   
 (757)-968-3619 | nrt3xs@virginia.edu **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

**PROFESSIONALEXPERIENCE**

**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.

**AWARDSANDHONORS**

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   
Cavalier Autonomous Racing   
CyberPatriot   
UVA Survivor Club   
Local Food Bank Volunteering   
Immaculate Conception Catholic Church Volunteering

*September 2019 – June 2020 December 2022 – Present*   
*September 2016 – Present August 2021 – Present*   
*August 2020 – Present*   
*2010 – Present*