

# Thomas Colicci

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## EDUCATION

### Vanderbilt University

School of Engineering

*Bachelor of Science in Mechanical Engineering*

- GPA: 3.54, Graduation Date: May 2022
- Activities: Vanderbilt Aerospace Design Laboratory, Army Reserve Officers' Training Corps

Nashville, TN

August 2019 – Present

### University at Buffalo – The State University of New York

School of Engineering and Applied Sciences

*Bachelor of Science in Mechanical Engineering*

- GPA: 3.66, Dean's List
- Activities: American Society of Civil Engineers, University at Buffalo Young Americans for Freedom

Amherst, NY

August 2018 – May 2019

## RELEVANT EXPERIENCE

### Vanderbilt Aerospace Design Laboratory

*Vehicle Team Engineer*

- Vehicle engineer on Vanderbilt University's seven-time national championship rocket design team
- Preparing to compete in the NASA University Student Launch Initiative (USLI) competition in May 2022
- Designing, fabricating, and testing a vehicle carrying an imaging and location sensing payload

Nashville, TN

March 2021 – Present

### Netra One Technology

*Technical Sales Intern*

- Managed coordination and logistics planning of order creation, quality, and fulfillment
- Developed hybrid cloud solutions for customers through Cisco ASR series and HPE storage
- Oversaw and finalized the delivery of six figure contracts

Utica, NY

March 2020 – May 2021

### Critical Technologies Inc.

*Engineering Intern*

- Designed and researched patent filing process for a pitching machine with the ability to throw a curveball
- Conducted intensive research for existing and upcoming design projects
- Applied complex mathematics and physics to model and interpret the projectile motion of a baseball

Utica, NY

October 2017 – August 2018

## LEADERSHIP EXPERIENCE

### Vanderbilt University Go Gold Battalion

*Cadet Company Commander*

- Cadet at Vanderbilt University's Army Reserve Officers' Training Corps
- Company Command position – assumed as of May 2021 – directly supervises and refines training of approximately 50 Cadets in alignment with the Battalion Commander's intent
- Coordinate meetings with Battalion Commander and adjacent Company Commander. Develop plan of action for commander approval then execute on approved plan

Nashville, TN

August 2019 – Present

### Student Tutoring Service

*Coordinating Director*

- Managed a task force of 75+ honor roll students volunteering to tutor fellow classmates

Marcy, NY

September 2017 – June 2018

## SKILLS

MATLAB, LabVIEW, Excel  
SOLIDWORKS, Autodesk Inventor, AutoCAD  
Leadership  
Detail Oriented  
Result Focused  
Technical Writing

## CERTIFICATIONS

HPE Sales Certified – Hybrid Cloud Solutions (Sept. 2020)  
Bloomberg Market Concepts (Jan. 2021)