

# Ryan Warner

Atlanta, GA

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## Education

### Georgia Institute of Technology

2020 - 2024

BS Aerospace Engineering | Minor in Computer Science

GPA: 3.93

## Work Experience

### WestRock

Atlanta, GA

Technology Intern

May 2021 to May 2022

- Developed an internal task-management system for the Westrock tax department, streamlining the tax workflow and saving the company \$250,000
- Developed and implemented systems to process and analyze **performance data** and inform executive decision making

### Urban Kai

Tampa, FL

Retail Sales Manager

Nov 2020 to Jan 2021

- Developed an internal inventory management system to validate POS data and centralize the inventory process between two retail locations, leading to a **5x decrease in process time**
- Created and implemented a novel rental onboarding process, minimizing customer-employee touchpoints and decreasing overall process time by 3x

### South Tampa Family YMCA

Tampa, FL

Sports Official and Camp Counselor

Mar 2018 to Aug 2020

- Guided summer camp experience for over 200 children throughout 10-week program
- Organized and moderated recreational youth soccer league

## Extracurricular Activities and Interests

### Georgia Tech Design, Build, Fly

August 2021 to Present

Team Lead | PADA GN&C

SAE Advanced Class

- Student organization developing aerial solutions to yearly challenges created by SAE International
- Designing a system responsible for mid-air target acquisition used to inform guidance, navigation, and control (GN&C) of an autonomous aircraft (PADA) delivering a payload to the acquired target
- Additional leadership responsibilities include assisting with new member education and engagement
- Placed 2nd at SAE Aero Design East in May, 2022, assisted as the PADA pilot for the competition

### Georgia Tech Emerging Leaders

August 2020 to Present

Student Advisor

- A student organization for first year students designed to encourage leadership development and a love of community service through weekly meetings and semester-long service projects

### Running/Camping/Backpacking

- Prefer to spend my free time outdoors, mud runs like the Savage Race are a personal favorite

## Certifications, Skills, and Relevant Coursework

Certified SolidWorks Associate (CSWA)

Dassault Systèmes

Small Unmanned Aerial Systems Safety Certification

Unmanned Safety Institute (USI)

Skills: **Matlab** **SolidWorks** **Fusion 360** **Microsoft Power Platform** **ReactJS** **Python** **MySQL** **Java** **JavaScript** **Pixhawk** **Ardupilot**

Relevant Coursework: **Thermodynamics and Fluid Fundamentals** **Aerodynamics** **Mechanics of Deformable Bodies** **Dynamics** **Statics** **Computing for Engineers**

## Honors and Awards

- Faculty Honors - Georgia Institute of Technology - Spring 2022, Fall 2021, Spring 2021
- Eagle Scout - Boy Scouts of America - 2019