

## Education:

### Cornell University – B.S. in Electrical and Computer Engineering

August 2016 - present

Expected May 2020

- Cumulative GPA: 4.053 | Dean's List: all semesters
- IEEE Cornell | Undergraduate Researcher | Cornell Rocketry Team

### Tappan Zee High School – High School Diploma

September 2012 - June 2016

- Valedictorian | Varsity Tennis Captain for 3 years | Peer Leader
- **Tutor Team:** Founded a student organization that provides free tutoring to the local community. Recruited over 70 tutors to the team. Created a website that helped match over 100 students to compatible tutors

## Work Experience:

### McKinsey & Company – Business Analyst Intern

June 2019 – August 2019

- Worked with a team of data scientists, designers, and banking experts to help a fast-growing financial services company transform their customers' user experience
- Analyzed data sets with natural language processing to understand trends in user feedback and complaints
- Conducted interviews with 30+ customers to identify specific pain points from their experience
- Worked with a large utility company to develop and deploy a new app that improves safety and efficiency for over 1000 workers
- Translated business and technical requirements between utility workers and software developers

### GreenClub, joingreenclub.com – Co-founder

February 2019 - present

- Co-founded a startup with a mission to make it simple and affordable for students to act on climate change
- Created a carbon offset subscription that has reduced over 80 tons of CO2 emissions
- Partnered with 10+ local and national businesses to offer GreenClub members exclusive perks like free bus rides and coupons
- Built a dedicated team and organized subteams for web development, partnerships, and outreach

## Campus Experience:

### IEEE Cornell – President

January 2018 – present

- Led a team of 25 students to host professional, social, and educational events for the engineering community
- Worked with faculty and administration to create a new initiative to improve mental health in the engineering community by organizing regular evening study sessions and study breaks

### Energy and the Environment Lab – Undergraduate Researcher

January 2017 – March 2019

- Developed a Python application that processes wood smoke emission data by using noise filtering and pattern recognition to quickly determine air pollution levels – cutting out the need for expensive lab tests
- Prepared and presented the lab's work at the 2017 American Association of Aerosol Research conference
- Developed and deployed a solar-powered air pollution sensor that measures the real-time air quality in Ithaca and transmits the data to be displayed via web app

### Cornell Rocketry Team – Airframe & Communications Subteam

September 2016 – May 2018

- Worked to design and fabricate a 15 ft. tall vehicle to launch to 5000 ft. for a NASA Launch competition
- Managed the parachute recovery system of the entire vehicle, spearheading a change in the team to use less black powder separation charges in favor of safer electronic parachute releases
- Developed the hardware and software for LoRa radios used to track sections of the launch vehicle throughout flight

## Skills/Interests/Awards:

- **Programming Languages:** Python, Java, C, C#, Swift
- **Skills:** Project planning, public speaking, data analysis, communication, Microsoft Office
- **Photography/Graphic design:** Photoshop | Lightroom | Sketch
- **Filmmaking:** Project Yellowlight 2017 winner | National Academy of Engineering E4U3 category winner