

# Tyler Bisk

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## EDUCATION

**Cornell University, College of Engineering** | Ithaca, NY  
*Bachelor of Science in Electrical and Computer Engineering*  
Relevant Coursework: *Python, Calculus, Physics, Circuits*

Expected Graduation: May 2023

**GPA: 3.73/4.00**

*Dean's List Fall 2019*

## WORK EXPERIENCE

**Camp Towanda, Inc.** | Honesdale, PA June-August 2019

- General counselor for 30 12-year-old boys at an overnight camp
- Organized a STEAM program for all age groups leading activities such as rocketry, Lego-building and other experiments
- Assisted owner and office staff by resolving technology issues when they arose
- Fundraised over \$2,000 for Vision Walk to fight against blindness by designing and selling t-shirts

**Mentorship at Red Thread Productions** | New York, NY May-June 2019

- Learned about the professional filmmaking process
- Focused on cinematography and digital editing
- Wrote, filmed, and edited a 10-minute independent film

## EXTRACURRICULAR ACTIVITIES

**Cornell Racing Formula SAE – Electrical Subteam** 2019-Present

- Admitted to student-led team whose goal is to build an electric formula-style car each school year
- Competition in May and June against colleges from around the world
- Designed a PCB to prevent batteries from overheating that automatically shuts down car
- Built and soldered a custom battery charger to charge six of the car's lithium ion batteries at once
- Currently assembling the wiring harness

**Chemistry Club President** 2018-2019

- Elected due to demonstrated passion for Chemistry class
- Met with teachers outside of school to plan and research ideas for club meetings
- Demonstrated and explained chemical phenomena to interested students in a fun way

**Newark Academy Ambassador** 2015-2019

- Selected for the exclusive ambassador position by the Admissions Office
- Provided tours to prospective students and ran information sessions on weekends and during free time
- Chosen to present Newark Academy's academic program to large audiences

## AWARDS & CERTIFICATIONS

**Cornell Machine Shop Certified** October 2019

- Learned to use both a mill and a lathe
- Built a fully-functioning lamp as part of the certification process

**International Baccalaureate Diploma Recipient** May 2019

- Completed 6 IB-level classes; 3 higher-level 3 standard-level
- Took 2 years of Theory of Knowledge
- Wrote an IB Extended Essay titled "Amazon's Use of Technology and Convenience in Order to Succeed in the Retail Industry in America"

**National Merit Commended Student** Fall 2018

- Selection based on the 2017 PSAT/NMSQT test

## INTERESTS & SKILLS

**Interests:** Tennis, Filmography, Photography, Cooking, Technology

**Skills:** CAD (Autodesk Inventor), PCB Design (Altium), Adobe Premiere Pro, Adobe Photoshop, Soldering, Python, Mill, Lathe, Public Speaking