

Tyler Bisk

www.tylerbisk.com

cell: +1 (973) 738-7722
email: tj274@cornell.edu

EDUCATION

Cornell University, College of Engineering | Ithaca, NY

Expected Graduation: May 2023

Undecided: Bachelor of Science in Electrical and Computer Engineering or Computer Science

GPA: 3.86/4.00

Relevant Coursework: *Python, Calculus, Physics, Circuits, Digital Logic*

Dean's List All Semesters

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

iOS App Development

2020-Present

- Self-taught Swift, XCode, and some simple web design
- Launched an application to the App Store and have more in development
- "Just for fun" activity began due to extra free time during social distancing

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

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: Python, CAD (Autodesk Inventor), PCB Design (Altium), Soldering, HTML, CSS, Swift, XCode, Adobe Premiere Pro, Adobe Photoshop, Mill, Lathe, Public Speaking