

Tyler Cross

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Education

Cornell University — Ithaca, NY

Spring 2020 – Present

- GPA: 4.03, Dean's List 2/2 semesters
- Pre-Med Track, Philosophy Major
- Selected Courses: CHEM 2070, CHEM 2080, PHIL 3610, BIO 1440, BIO 1350

Millburn High School — Millburn, NJ

Fall 2014 – Spring 2019

- GPA: 4.1 Weighted, 3.7 Unweighted
- SAT Math 800, English 740, SAT Subject Tests: Biology 780, Math II 760, US History 760
- AP Courses: Biology – 5, Chemistry – 5, Government & Politics – 5, European History – 4, Computer Science – 4

Work Experience

LifeSciences Consultants — Milan, IT

Summer 2019

- Consultant at major life sciences firm for the European market
- Reported to global managing partner and European office principal
- Assisted in creating models and strategy to bring novel gene therapies to market
- Made calls to doctors across Europe to gather data and create deliverables for major pharmaceutical companies including Roche, Takeda, Celgene, and Teva

Gem Mobile Health — Totowa, NJ

Summer 2020 – Winter 2021

- Employed as EMT for paid EMS service responding to both emergent and non-emergent calls
- Provided care for COVID-19 positive patients (average 3-5 per day) during the height of the pandemic

Millburn-Short Hills Volunteer First Aid Squad — Millburn, NJ

Spring 2017 – Present

- Member of local EMS 911 service tasked with providing emergency medical care and transport to regional hospitals
- Lieutenant Cadet leader responsible for cadet initial training, continuing education, and competition readiness
- Crew chief for competition team that placed second in statewide Keyport Cadet Competition

University of Maryland AIMLab — College Park, MD

Summer 2017

- Worked under Dr. Salamanca-Riba on the synthesis of covetics and understanding the role of nanocarbon in the structure and conductivity of alloys
- Assisted in the Advanced Imaging and Microscopy (AIM) Laboratory, including operating transmission electron and atomic force microscopes

Athletic and Extracurricular Activities

- Cornell Philosophy Book Club

Winter 2021 – Present

- Cornell Intramural Volleyball

Fall 2020 – Present

- Millburn Varsity Volleyball

Fall 2017 – Spring 2019

- Millburn Forensics Debate (Lincoln Douglas)

Fall 2015 – Spring 2017

Skills and Certifications

- Proficiency in HTML, CSS, JavaScript, Python, Java, Word, PowerPoint, Excel
- New Jersey State Certified EMT (200+ hours of training)
- Intermediate proficiency in American Sign Language and Mandarin Chinese