

Anjelica Bian

Ithaca, NY | yb265@cornell.edu | (669) 269-3375 | linkedin.com/in/anjelica-bian

EDUCATION

Cornell University, College of Engineering

Ithaca, NY

GPA: 3.96, Candidate for Bachelor of Science

Expected: May 2026

- Major: Electrical and Computer Engineering, Minor: Computer Science, Mathematics
- Relevant Coursework: Introductory Microeconomics, Introductory Macroeconomics
- Honors: Cornell University Dean's List (All Semesters)

Bonn International School

Bonn, Germany

Grade: 42/45, International Baccalaureate

August 2017-June 2022

Higher Level: Physics, Mathematics, Economics, Standard Level: English, German, Visual Arts

TECHNICAL EXPERIENCE

EmPRISE Lab at Cornell University

Ithaca, NY

Research Assistant

October 2022-Present

- Programmed a robotic arm to peel various food products by developing innovative software
- Networked and sought out mentorship from Slack communities to develop task planning scripts for robot motion
- Maintained team standards working closely in a team of 5 through weekly meetings and active communication

Airfoil Lift Generation Research

Bonn, Germany

Researcher and Writer

April-October 2021

- Conducted experiments on the impact of angle of attack on airfoil lift generation on a NACA 23012 airfoil
- Analyzed and presented experimental data informing a 4000+ word research paper
- Researched aerodynamics including lift/drag generation to inform wind tunnel designs and testings on airfoils

German Young Physicist Tournament (GYPT)

Bonn, Germany

Competitor

November 2020-March 2022

- Performed 3 experiments involving gas law, energy conservation and electromagnetism with 2 teammates
- Analyzed and evaluated results in a detailed report to place 2nd in the national GYPT competition
- Presented findings and answered questions from the competing team and 6 judges

LEADERSHIP AND PRE-PROFESSIONAL EXPERIENCE

Phi Chi Theta Professional Business Fraternity

Ithaca, NY

Class Fundraising Chair

February 2023-Present

- Raised \$2250 in profit leading a Krispy Kreme Fundraiser in a team of 9 to support Children's Tumor Foundation
- Utilized various financial modeling techniques including a DCF to project Volkswagen's future value
- Balanced a 12 week, 15 hours/week business education process to present weekly consulting cases and stock pitch

Friends of Khayaletu

Bonn, Germany

Fundraiser and Marketing Team Leader

Aug. 2019-Jun. 2022

- Organized yearly fundraisers raising over €3000 sponsoring the Khayaletu Youth Center in South Africa
- Rebranded the team by redesigning organization name and logo while increasing the frequency of fundraisers
- Maintained relationships with South African culture advisor and the school's Development Manager through

SKILLS AND INTERESTS

Proficient: Python, Java, PDDL, GitHub | **Intermediate:** Numpy, Figma, Procreate, Docker

Languages: English (fluent), Mandarin Chinese (fluent), German (intermediate)

Interests: library hopping, painting, rowing, yoga, music, movies

Activities and Societies: Women In Computing at Cornell (WICC), Empathy Assistance and Referral Service (EARS)