

## EDUCATION

### **Massachusetts Institute of Technology (MIT)**

**Cambridge, MA; Class of 2024**

- ♦ Bachelor of Science: Computer Science, Data Science, and Economics; GPA 5.0/5.0
- ♦ Minor: Business Analytics; Concentration: Spanish

### **Bloomington High School North (BHSN)**

**Bloomington, IN; Class of 2020**

- ♦ Valedictorian in class size of 400

## LEADERSHIP AND EXTRACURRICULARS

### **Tutor (MIT)**

**Cambridge, MA; 2022-Present**

- ♦ Meet twice a week with underclassmen to tutor and help them with programming, computer science, math, and economics

### **Refreshment Director for Lecture Series Committee (LSC)**

**Cambridge, MA; 2022-Present**

- ♦ Coordinate refreshments and oversee refreshment sales for weekly movie showings
- ♦ Attend regular director meetings to provide input and discuss ways to improve the LSC

### **Officer for Undergraduate Economic Association (MIT)**

**Cambridge, MA; 2021-Present**

- ♦ Organize and coordinate talks with MIT economics professors and MIT alumni
- ♦ Actively find ways to increase freshmen interest in economics by providing support, organizing resources, and creating a mentor program between upperclassmen and underclassmen

### **Member of New Engineering Educational Transformation (NEET) Energy Track (MIT)**

**Cambridge, MA; 2021-Present**

- ♦ Meet weekly with industry and academic leaders to discuss climate challenges and emerging technologies in sustainability

## EXPERIENCE

### **Sustainability and Innovation Intern at the World Wildlife Fund**

**Washington DC; June-Aug 2022**

- ♦ Interned with the Markets Institute team to study invasive Asian carp fish and potential market solutions to control their population and negative impacts
- ♦ Conducted extensive research on possible supply chains, interviewed field experts, created infographics, wrote a final report, and presented findings to WWF

### **Intern with the MIT Washington Summer Program**

**Cambridge, MA; Jan 2022-Present**

- ♦ Selected into a competitive MIT program to spend the summer working in Washington DC
- ♦ Attended weekly seminars by leading policy experts; wrote a research paper on the 2022 CHIPS and Science Act

### **Research Assistant at Product Design Lab (MIT)**

**Cambridge, MA; Aug-Dec 2021**

- ♦ Designed and prototyped an underwater microscope used to monitor seaweed growth and health; methods include 3D printing, laser cutting, foam cutting, and bench tools

### **D.E. Shaw Latitude Fellow**

**Bloomington, IN; Aug 2021**

- ♦ Participated in interactive case studies and attended seminars led by visiting professors/analysts

### **New Technologists Intern at Microsoft**

**Bloomington, IN; June-Aug 2021**

- ♦ Learned about web development, software engineering, and product design through the mentorship of senior staff at Microsoft and Cyborg Mobile
- ♦ Collaborated in a team of five through all stages of the product cycle to develop a mobile website using React

### **Project Member of Momentum (MIT)**

**Bloomington, IN; Jan 2021**

- ♦ Interviewed small business owners in a team of four and developed a mobile app that boosts financial resiliency; presented app to Capital One industry experts

### **Research Assistant at Gabrieli Neuroscience Laboratory (MIT)**

**Bloomington, IN; Aug-Dec 2020**

- ♦ Worked for "Audiobook Learning Study for Elementary Students" under direction of Professor Ozernov-Palchik
- ♦ Transcribed data and conducted field research on language development in children

## HONORS AND AWARDS

**Scholastic:** MIT Interphase Edge Scholar (2020-present) ♦ National Hispanic Merit Scholar (2020)

**Sports/Music:** Gold Award Tennis (2018-2019) ♦ IN State Piano Solo, Gold (2017) ♦ Outstanding Pianist Ball State Jazz Fest. (2017)

**Community:** Indiana State Youth Volunteer of the Year (2018) ♦ U.S. Presidential Service Award (2017-2018)

## SKILLS

- ♦ Python, Fusion 360, Adobe Illustrator, React (novice), teaching, laser cutting, design, leadership, public speaking, creative problem solving, organization

## HOBBIES/INTERESTS

- ♦ Racquet sports, piano, traveling, biking, reading, wooden puzzles