

EDUCATION

Princeton University - 2026

- B.S.E. Computer Science
- GPA: In-Progress
- Coursework:
 - Algorithms and Data Structures, Multivariable Calculus

Dublin High School - 2022

- GPA: 4.00/4.00
- Engineering & Design Academy
- AP Computer Science Applications, Honors Principles of Engineering, Calculus BC

HONORS

- Three-time AIME (American Invitational Mathematics Exam) Qualifier
- National EconOlympiad 1st Place
- USACO Silver Division
- National Scholastic Art & Writing Awards Gold Medalist
- National Merit Scholarship Recipient

TOOLS

Programming:

- Java, C++, Python
- Tensorflow, Kaggle, and Keras

Languages / Other :

- English, Mandarin, Spanish
- LaTeX, Web Development

INTERESTS

Music, poetry, badminton, games

EXPERIENCE

Student Researcher - *University of Connecticut*

JUNE 2021 - JANUARY 2022

- First author on research paper "A Novel Data Augmentation Technique and Ensemble Model for SARS-CoV-2 Pneumonia Classification"
- Advised by Prof. Shengli Zhou; manuscript under revision at the Journal of Young Investigators

Dublin Girls Who Code - *Chapter President*

SEPTEMBER 2019 - MAY 2022

- Lead sessions on programming for 40+ members on basic Python APIs, Java, and web development
- Attended Summer Immersion Program

Girls Math Association - *Nonprofit Founder*

SEPTEMBER 2018 - PRESENT

- Organized online math contest for middle school students with 200+ participants
- Provided tutoring on combinatorics, number theory

Dublin Shield - *Editor-In-Chief*

SEPTEMBER 2019 - PRESENT

- Lead team of 30 staff writers to review and edit articles for publication; Redesigned website

PROJECTS

Eluo - *April 2021*

- App diagnosing personal care safety with NLP text recognition from labels
- Built with Flask, Tesseract OCR, Python, Java backend and Javascript frontend

Dublin Math Course Selection - *January 2021*

- Responsive web application helping high school students plan out math course progression
- Built with PHP, HTML/CSS, React.js

ORGANIZATIONS

Society of Women Engineers, Princeton Robotics Club, AI @ Princeton, Math Club