

Alex Fratepietro
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SCHOOL:

Grace Church High School, Graduation: May 2024

- Dual enrollment: Introduction to Engineering at The Cooper Union
- Tech-related classes: Computer Science I and II; Technology Major; Web Programming; Robotics; CAD; Data Science; 3D Animation; and Introduction to Blockchain
- Founder: Video Game Design Club; Co-founder: Trading Card Game Club
- Participated in: cross country (4 years); basketball (2 years); fencing (1 year); baseball (2 years) and Theater Tech Crew

The Allen-Stevenson School, 2011-2020

- Participated in: cross country; basketball; track & field
- Played viola and participated in the Allen-Stevenson Orchestra
- Member of Theater Tech Crew; participated in theater performances

**SUMMER WORK
& PROGRAMS:**

Camp Counselor, The Allen-Stevenson School, 2023

- Assisted younger students with STEM projects including construction of forts, rockets and cars. Taught beginner JavaScript to 3rd & 4th graders

AI Scholars, InspiritAI, 2023

- Built an AI-based project that detects objects for self-driving cars
- Presented work with my team, won for best presentation

Essentials of Leadership, Wharton, 2023

- Developed leadership, teamwork and communication skills through case studies and interactive digital simulations

Cyber Threat Intelligence, Columbia University, 2022

- Learned about the field of cybersecurity and how to assess threats and implement tactics
- Reviewed and presented on case studies

Game Design with Unity, New York University, 2022

- Learned about Unity C#; created a new game with a team and presented it

Applied Python Programming, University of Colorado Boulder, 2021

- Learned additional Python concepts
- Coded a STEM project (plant watering system)

SKILLS:

Coding Languages

- Experience with: Python (Jupyter Notebook and Raspberry Pi); C#; Javascript; HTML; PHP; SQL and C++

Other Languages

- High school level Spanish and beginner Japanese

INTERESTS:

Chess, running and escape rooms