

**Alex Fratepietro**  
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**SCHOOL:**

**Grace Church High School, Graduation: May 2024**

- Currently taking Introduction to Engineering at The Cooper Union
- Tech-related classes: Computer Science I and II; Tech Major; Web Programming; Robotics; CAD; Data Science; Blockchain; 3D Animation
- Founder of the Video Game Design Club; Co-founder of TCG 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 (5 years)
- Member of Theater Tech Crew; participated in theater performances

**SUMMER WORK  
& PROGRAMS:**

**Camp Counselor, The Allen-Stevenson School, 2023**

- Assisted students with STEM projects including construction of forts, rockets and cars

**AI Scholars, InspiritAI, 2023**

- Built an AI-based project that detects objects for self-driving cars
- Presented work with my team to class, 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 to the class

**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