

Nicholas Tenebruso

As a dedicated, cooperative, and hardworking leader, I seek challenging, interactive programming projects and value community service.

EDUCATION & EXTRACURRICULARS

Stevens Institute of Technology, Hoboken, NJ

AUGUST 2024 - PRESENT

Major: Computer Science

Northern Valley Regional High School, Old Tappan, NJ

SEPTEMBER 2020 - JUNE 2024

GPA: 4.3

Relevant Coursework: Honors STEM Capstone-Hand Gesture Recognition, AP Computer Science A/Principles, Honors Computer Programming (1 of 5 students to achieve entry), Tech & Engineering Foundations

Clubs: Investment, Italian, Technology Student Association

Sports: Varsity & Junior Varsity Cross-Country Teams

PROGRAMMING PROJECTS

Hand Gesture Recognition Model (Honors STEM Capstone Project)

Developed a codebase to train and run the Jester Gesture Recognition dataset, allowing computer vision to detect over 20 unique hand gestures and motions.

TSA Video Game Design Competition — *Project Manager*

OCTOBER 2020 - JUNE 2024

2022-2024: Project Manager

- Create weekly agenda for 10 team members, 4 hours per week
- Set deadlines for music and art groups
- Keep team members on task with regular check-ins and feedback
- Tackle more complex programming tasks

2020-2022: Head Developer

- Distribute tasks and handle more complex programming
- Attend National TSA Conference in Dallas, TX as one of three representatives from NVOT

WORK EXPERIENCE

Code Ninjas, Norwood, NJ — *Lead STEM Instructor*

NOVEMBER 2021 - PRESENT

Teach children ages 4 to 14 years old how to code through video game development curriculum that rewards level progression with simulated karate belts; 12 hours per week

Manage and train new employees to work with students as they familiarize themselves with the Code Ninjas curriculum

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PROGRAMMING LANGUAGES

Web Development: HTML/CSS, Javascript, Typescript, Go, Python, Java

Systems Programming: C, C#, C++, Rust

LINGUISTIC LANGUAGES

Italian (Seal of Biliteracy)

AWARDS

National Honor Society (2023)
membership based on academic excellence, leadership, and service within the community

4th Place, TSA States (2023)
Puzzles & Party Games

1st Place, TSA States (2022)
Arcade Games
invited to vote as delegate for TSA national office holders

3rd Place, TSA States (2021)
Adventure Games

VOLUNTEER WORK

Help America Hear, Long Island, NY — *Project Leader*

DECEMBER 2022 - JUNE 2024

Established hearing aid drives in churches and elderly homes to collect & refurbish hearing aids for donation

St. Pius X Church, Old Tappan, NJ — *Live Stream Coordinator*

SEPTEMBER 2020 - DECEMBER 2022