

# Nicholas Tenebruso

ntenebruso.com

Email: nick@ntenebruso.com

Phone: 201-394-3617

## EDUCATION

---

- **Stevens Institute of Technology** Hoboken, NJ  
*Bachelor of Science in Computer Science; GPA: 3.8* *August 2024 – May 2028 (Expected)*
  - **Relevant Coursework:** Multivariable Calculus, Vectors & Matrices, Discrete Structures, Data Structures
  - **Honors & Awards:** Presidential Scholarship, Edwin A. Stevens Scholarship
- **Northern Valley Regional High School** Old Tappan, NJ  
*GPA: 4.3* *September 2020 – June 2024*
  - **Relevant Coursework:** Honors STEM Capstone, AP Computer Science A/Principles, Honors Computer Programming (1 of 5 students to achieve entry), Tech & Engineering Foundations
  - **Honors & Awards:** National Honor Society, Technology and Engineering Award, Career Technical Education Certification, NJ Seal of Bi-Literacy in Italian

## EXPERIENCE

---

- **Property Panda** Hybrid  
*Founding Engineer* *April 2025 – Aug 2025*
  - Built comprehensive, scalable, and efficient AI-powered solutions to help realtors automate the home listing process.
  - Collaborated regularly with 5+ clients and ten other engineers to improve the product, scale efficiently, and streamline operations.
- **Code Ninjas** Norwood, NJ  
*Lead STEM Instructor* *November 2021 – July 2024*
  - Taught 75+ children ages 4 to 14 years old how to code through a video game development curriculum that rewards level progression with simulated karate belts.
  - Managed and trained a team of seven employees to work with students as they familiarized themselves with the Code Ninjas curriculum.
- **Technology Student Association**  
*Project Manager & Head Developer, Video Game Development Team* *2020 – 2024*
  - Created weekly agenda for twelve team members and three sub-teams, keeping members on task with regular check-ins and feedback.
  - Represented the team as a captain at the annual New Jersey State TSA Convention.
  - Implemented complex 2D and 3D video game programming logic.

## PROJECTS

---

- **Gesture Recognition Model:** Python, Keras, Tensorflow
  - A hand gesture recognition model that can recognize over 20 unique gestures, trained using the 20bn Jester Dataset with a 3D Convolutional Neural Network.
- **Arctic OS:** Bash, C, C++
  - An Arch-based Linux distribution with a graphical installer, made for educational purposes.
  - Used Archiso to build a bootable ISO image, designed a custom welcome application in GTK in C++, created and maintained a custom package repository.
- **Rust HTTP Server:** Rust
  - An HTTP server library written in Rust with zero external dependencies.
  - Implemented multi-threading to handle concurrent requests.
- **TypeTest:** HTML, CSS, TypeScript, Vue.js, Supabase, Docker, CI/CD
  - A web application that can analyze typing statistics such as WPM and accuracy in detail.
  - Implemented secure authentication and scalable database storage using Supabase.
  - Built a modern, interactive user interface using Vue.js.

## SKILLS

---

- **Languages:** HTML, CSS, JavaScript, TypeScript, C, C++, Python, Rust, Go, Java
- **Frameworks:** React, Vue, Astro, Hugo, Vite, Tailwind, Next.js, Express, NestJS, Prisma
- **Tools:** Docker, PostgreSQL, MongoDB, Git, Linux