

JOHN R. NEVIN

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EDUCATION

Northeastern University, Boston, MA

May 2029

Candidate for Bachelor of Science in Electrical and Computer Engineering

Activities: NU Theme Park Engineering (Club Member)/ Origami(Club Member)/ Esports (Club Captain)

Relevant Courses: Circuits and Signals/Discrete Structures/ Fundamentals of Networking/Calculus/Differential Equations/Physics/ Cornerstone of Engineering/Chemistry

TECHNICAL SKILLS

Software Skills: C++, Matlab, Python, AutoCAD, SolidWorks, Microsoft Office, Google Workspace, Adobe Creative Suite, Social Media

HARDWARE SKILLS

Physical Skills: Arduino, Soldering, Operating Instruments, Fabrication

ENGINEERING PROJECTS

Northeastern University, Boston, MA

Escape Room Puzzle

April 2026

- Designed and wired an interactive escape room puzzle using Arduino, potentiometers, buttons, and an LCD, successfully run with over 15 groups
- Programmed in Python to read inputs and display the correct code upon solving, delivering a smooth experience across all sessions

Arcade Game

December 2025

- Designed and built a two-player racing game using Arduino, servos, pulleys, and physical game pieces
- Programmed Python to control servos and LCD communication between two Arduinos, integrating mechanical and electrical systems

RPG Game

November 2025

- Developed a playable turn-based RPG in MATLAB with branching choices, hidden effects, and health tracking

WORK EXPERIENCE

Town of Oyster Bay Engineering Department, Oyster Bay, NY

Intern Assistant

June 2026 - August 2026

- Conducted field visits to various work sites to identify problems or issues, assess damage, evaluate repair needs, and document site conditions
- Followed the Engineering Department in researching and evaluating products and materials for the development of the Oyster Bay Oyster Center
- Attended and documented key meetings, taking detailed notes for infrastructure and community development projects

Town of Hempstead Facilities, Merrick, NY

Seasonal Golf Attendant

May 2025 - August 2026

- Supported course operations by monitoring pace of play, enforcing policies, and addressing guest questions and concerns
- Managed golf carts, including staging, cleaning, fueling, and conducting routine safety and mechanical inspections

Interests

Hiking, Rock Climbing, Basketball, Esports