

Andrea Antropow

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EDUCATION

Stevens Institute of Technology, Hoboken, NJ

Bachelor of Engineering in Electrical Engineering, Expected May 2026

GPA: 3.54 / 4.00

Relevant Courses: Intro to Engineering Design and Systems Thinking, Intro to Programming and Algorithmic Thinking, Intro to Field Sustainable Systems with Sensors

Diana C. Lobosco STEM Academy, Wayne, NJ

High School Diploma, May 2022

GPA: 3.82 / 4.00

Relevant Courses: Computer Integrated Manufacturing, Principals of Engineering, Digital Electronics, Intro to Coding

SKILLS

Programming: C++/C, Python

Software & Tools: SolidWorks, AutoCAD, Microsoft Word, Excel, and PowerPoint

Strengths: Detail-oriented, analytical thinker, adaptable, self-starter, goal-oriented, creative problem-solver

ACADEMIC PROJECTS

Stevens Institute of Technology • Fall 2022

IoT Indoor Environment Monitoring System

- Collaborated with a team of three classmates to write Arduino code for various sensors to be applied for monitoring of temperature, humidity, illuminance, carbon dioxide, and total volatile organic compounds.
- Independently wired entire system and components using a WeMos board and a breadboard to ensure proper function.

Stevens Institute of Technology • Spring 2023

Autonomous Robot

- Created an Arduino code for a robot that can guide visitors to designated places using current x and y position provided by an MQTT network.
- Wire ultrasonic, OLED, and LiDAR sensors with an input/output expansion shield for a WeMos board.
- Writing technical reports in collaboration with project team to highlight weekly progress.

WORK EXPERIENCE

The Tides Estate, Waitress • May 2023 – January 2024

- Delivered a superior event experience through attentive serving and providing to guests needs.
- Communicated with kitchen staff to accurately serve orders.
- Worked with a collaborative team of waiters and bartenders to serve beverages and cocktails.
- Conveyed any issues that were out of my control to maitre d' and head waiter.

Wyckoff Pizza & Restaurant, Server & Cashier • July 2020 – July 2023

- Provided a friendly customer service during counter orders, table service, and payment processing.
- Communicated effectively with kitchen staff to help prepare food and serve orders.
- Efficiently used a POS system to input orders.

EXTRACURRICULAR ACTIVITIES

Society of Women Engineers, Stevens Institute of Technology, Member • Fall 2022 – Present

Technique Dance Club, Stevens Institute of Technology, Member • Fall 2022 – Present

National Honor Society, DCL STEM Academy, Member • 2021 – 2022

Dance Theatre of New Jersey, Competitive Team Dancer and Soloist • 2017 – 2022