

# Nicolas DeMilio

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## EDUCATION

### SUNY New Paltz

*Bachelor of Science in Computer Science*

New Paltz, NY

Aug. 2023 – May 2025

- GPA: 3.80, Magma Cum Laude
- Relevant Course Work: Computer Science II, III, Assemble & Architecture, Function Programming, Web Server Programming, Language Processing, Software Engineering, Object Oriented Programming, Microcontroller System Design, Operating Systems, Discrete Algorithms

## EXPERIENCE

### Waiter

Sep. 2023 – Present

*Ziatun*

Beacon, NY

- Demonstrated exceptional multitasking and prioritization skills in a high-paced environment.
- Effectively adapting to changing situations and customer needs, showcasing flexibility and problem-solving abilities
- Cultivated communication and teamwork skills, collaborating with colleagues to deliver excellent customer service.

### Data Management Intern

Sep. 2022 – May, 2023

*Social Standards inc*

New York, NY

- Helped to build the data-foundation for a new product at the growing startup, focused on consumer segmentation
- Manually update data records to act as a training set for a machine learning model
- Worked independently and efficiently while collaborating remotely with co-workers across the United States

### Carpenters Apprentice

June 2021 – Aug. 2023

*Long Neck Custom Homes llc*

Greenwich, CT

- Collaborated effectively with diverse teams, fostering strong communication and teamwork skills.
- Applied meticulous attention to detail in measurements and layouts, ensuring accuracy and precision.
- Managed multiple projects simultaneously, demonstrating strong organizational and time-management abilities.

## PROJECTS

### Interview Coach | *python, spaCy, BeautifulSoup4, React-Native*

January 2025

- Creating system that aggregates job postings from various job boards via web scraper based on a user-provided job title and outputs the skills needed to become a competitive candidate.
- Using Language Processing such as Tokenization, POS tagging, and Named Entity recognition in conjunction with machine learning libraries to help generate a corpus and context free grammar.
- Using the BeautifulSoup4 library to build webscrapers for various job boards such as LinkedIn and Indeed. [Github](#)

### Fitness Tracker | *html, css, Javascript, Vue, Node.js, Express, Supabase, Bulma*

November 2024

- Website for building and discovering workouts, with step by step instructions.
- I am developing a user authentication system that supports user login and a friends system. Vue provides a versatile and reactive framework for the frontend, enabling seamless user experiences.
- Using Supabase offers a scalable backend solution with real-time capabilities and easy integration with PostgreSQL. Express serves as the robust server-side framework that handles API requests efficiently. See more on [GitHub](#)

### Reidmans Sum API | *Java, gRPC, Mockito, JUnit*

November 2024

- Developing program that calculates an integral of a given number of Reidmans boxes of a predefined function.
- Using modern techniques such as Test Driven Development, caching values, and modularization to implement.
- Worked on a 3 man team using checkstyle to create clean and consistent code. See more on [Github](#)

## TECHNICAL SKILLS

**Languages:** Java, C, HTML/CSS, oCaml, JavaScript, Python, ARM Assembly

**Frameworks/Libraries:** BeautifulSoup4, node.js, React, Express, Mockito, JUnit, Vue, NLTK, React-Native, spaCy, Bulma, React-Native

**Developer Tools:** VS Code, GIT, mongoDB, Gradle, Eclipse, Microsoft Office, Supabase, Keil