

# Nicholas Logozzo

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## EDUCATION

### Stony Brook University

*Bachelor of Science in Computer Science, Major*

Course Work: Algorithms, Computer Networks, Computer Security Fundamentals, Data Structures, Fundamentals of Software Development, Principle of Programming Languages, Programming Abstractions, Software Engineering, System Fundamentals

**Stony Brook, NY**

*May 2024 Graduate*

## AWARDS

2023 Outstanding New Free Software Contributor

Seal of Bilingualism in Italian

Free Software Foundation

New York State

## PROFESSIONAL EXPERIENCE

### Vito's Ristorante & Pizzeria

*Manager*

**Glen Cove, NY**

*June 2018–Present*

- Continually monitored restaurant and took appropriate action to ensure food quality and service standard were consistently met. Resolved any issues customers may have had.
- Regularly updated point of sales system with new pricing and weekly food specials.
- Performed application and hardware maintenance on the point of sales system to ensure a smooth operation.

### Per Tutti

*Italian instructor*

**St. James, NY**

*October 2023–Present*

- Instructed adult classes of 10-12 students of a wide range of abilities: Novice, Intermediate, and Advanced.
- Crafted lesson plans to adapt to students needs and successfully teach Italian vocabulary, grammar, and culture.

### Ace Analytics, Inc.

*Software engineer*

**Hauppauge, NY**

*March 2021–June 2021*

- Developed AceBot (C#): A discord chatbot that accepts payments from users via the Square SDK and grants users access to the server. Bot also collected analytics about the server and its users.
- Developed Promote (C#): A client application that allows employees to send text blasts to members and others via a hosted Twilio server accessed via REST APIs.

## PROJECTS

### State Voting and Racial Analyzer

**JavaScript, Java, Python, MERN, SpringBoot**

- Processed state voting and racial data using Python and Pandas and stored results in MongoDB.
- Developed RESTful Spring server utilizing Java to provide data to client application.
- Deployed client application utilizing MERN stack to provide results and analysis of state data to users.

### Stack Overflow Replica

**JavaScript, MERN**

- Developed a user authentication system with session support, integrated dynamic question and answer features, and optimized database interactions with MongoDB.
- Collaborated with team members to ensure code maintainability using Git version control software.
- Implemented data validation and security measures to protect against SQL injection and cross-site scripting (XSS) attacks.

### Denaro

**C++, SQLite, Linux**

- Developed a personal finance manager utilizing SQLite to store all user data.
- Implemented graphic reports using algorithms to analyzing users' financial patterns and spending strategies.
- 48,500+ Installs (<https://flathub.org/apps/org.nickvision.money>)

### Parabolic

**C#, .NET, Linux**

- Developed a multimedia downloader utilizing various websites' REST APIs for fetching content.
- Implemented multiple running downloads using kernel multithreading APIs and an async threading model.
- 108,500+ Downloads (<https://flathub.org/apps/org.nickvision.tubeconverter>)

## SKILLS

- Native English speaker, Fluent Italian speaker, Proficient Spanish speaker
- Programming Languages: C#, C++, Python, Java, JavaScript, C, MIPS Assembly