

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

Free Software Foundation

Seal of Bilingualism in Italian

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