

Nicholas Logozzo

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EDUCATION

Stony Brook University

Bachelor of Science in Computer Science, Major

Stony Brook, NY

GPA: 3.80 (Expected Graduation Date: May 2024)

HONORS

NY State Seal of Biliteracy in Italian, Presidential Scholarship recipient, SBF Trustee Scholarship recipient, RIT Computing Medal Award

COURSE WORK

Analysis of Algorithms, Computer Networks, Data Structures, Discrete Mathematics, Fundamentals of Software Development, Programming Abstractions, Survey of Probability and Statistics, System Fundamentals

PROFESSIONAL EXPERIENCE

Vito's Ristorante & Pizzeria

Cashier and waiter

Glen Cove, NY

June 2018–Present

- Greeted customers in a welcoming manner; seated and served customers in dining room.
- Received orders for pickup and delivery through phone system; promptly assisted customers with any order issues.
- Collected payments through store's point of sale system.

Ace Analytics, Inc.

Software engineer

Hauppauge, NY

March 2021–June 2021

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

PERSONAL PROJECTS

Fake Stack Overflow

JavaScript, MERN(MongoDB, Express, React, Node.JS)

- 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++, WindowsAppSDK, SQLite

- Developed a personal finance manager utilizing SQLite to store all user data.
- Implemented graphic reports using algorithms to analyze users' financial patterns and spending strategies.
- 12,000+ Downloads (<https://flathub.org/apps/org.nickvision.money>)

Parabolic

C#, .NET, WindowsAppSDK

- 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.
- 50,000+ Downloads (<https://flathub.org/apps/org.nickvision.tubeconverter>)

Tagger

C#, .NET, WindowsAppSDK

- Developed a music file metadata editing application with support for thousands of files using system IO APIs
- Implemented searching for metadata and lyrics of a music file online via MusicBrainz and Letras REST APIs
- 20,000+ Downloads (<https://flathub.org/apps/org.nickvision.tagger>)

SKILLS

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