Nicholas Logozzo

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EDUCATION

Stony Brook University   **Stony Brook, NY**
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

AWARDS

2023 Outstanding New Free Software Contributor   **Free Software Foundation**
Seal of Biliteracy in Italian   **New York State**

PROFESSIONAL EXPERIENCE

Vito's Ristorante & Pizzeria   **Glen Cove, NY**
Cashier and waiter   *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.   **Hauppauge, NY**
Software engineer   *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.

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 protected 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)

Tagger   *C#, .NET, Linux*
- Developed a music file metadata editing client 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
- 33,400+ 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