

Nicholas Logozzo

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EDUCATION

Stony Brook University

Bachelor of Science in Computer Science | GPA: 3.81

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 Biliteracy in Italian

New York State

PROFESSIONAL EXPERIENCE

DC Electric of NY, Inc.

Infrastructure Engineer

Levittown, NY

September 2020 - Present

- Installed residential network equipment and configured mesh networks with multiple access points, as well as implementing a secure firewall to ensure a stable and long range Wi-Fi 6 connection.
- Programmed a wide range of IoT devices, including thermostats, light switches, bridges, hubs, utilizing Lutron protocols and services to create smart home systems that enabled clients to control and manage their home from their mobile devices.

Ace Analytics, Inc.

Software Engineer (4 month contract)

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.

OTHER EXPERIENCE

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.

PROJECTS

State Voting and Demographic Analyzer

JavaScript, Java, Python, MERN, SpringBoot

- Processed state voting and demographic 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 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

- Programming Languages: C++, C#, Java, C, Python, JavaScript
- Systems/Networks: RedHat Linux, Ubuntu Server, DNS Configuration, Port Routing, BASH, SQL Database
- Foreign Languages: Fluent Italian, Proficient Spanish