

# Nicholas LogoZZo

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## EDUCATION

### Stony Brook University

*Bachelor of Science in Computer Science | GPA: 3.81*

**Stony Brook, NY**

*August 2021 - May 2024*

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

## AWARDS

2023 Outstanding New Free Software Contributor

Free Software Foundation

## TECHNICAL SKILLS

- **Programming Languages:** Java, Python, C++, C#, JavaScript, C
- **Systems/Networks:** RedHat Linux, Ubuntu Server, DNS, Port Routing, BASH, SQL Database, Git VCS
- **Foreign Languages:** Fluent Italian (New York State Seal of Bilingualism), Proficient Spanish

## 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 Internship*

**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.

## ADDITIONAL 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

### Parabolic | Independent

**January 2022 - Present**

- Developed a desktop multimedia downloader utilizing C++, Qt, Gtk, and various websites' REST APIs for fetching content.
- Implemented multiple running downloads using kernel multithreading APIs and an async threading model.
- Installed over 150,00+ times

### Denaro | Independent

**October 2022 - Present**

- Developed a desktop personal finance manager utilizing C++, Qt, Gtk, and an SQLite database.
- Implemented graphic reports using algorithms to analyze users' financial patterns and spending strategies.
- Installed over 64,000+ times

### State Voting and Demographic Analyzer | Academic

**January 2024 – May 2024**

- Processed state voting and demographic data using Python and Pandas and stored results in a Mongo database.
- Developed RESTful Spring server utilizing Java SpringBoot to provide data to client application.
- Deployed client application utilizing JavaScript and React to provide results and analysis of state data to users.
- Collaborated with an additional 3 team members to ensure code maintainability using Git VCS.

### Stack Overflow Replica | Academic

**January 2023 – May 2023**

- Developed a client application utilizing JavaScript and React with a session-based user authentication system
- Integrated dynamic question and answer features with optimized database interactions through Mongo.
- Collaborated with an additional team member to ensure code maintainability using Git VCS.
- Implemented data validation and security measures to protect against SQL injection and XSS attacks.