

# Brandon J. Cardillo

## Software Engineer | Systems Engineer | Programmer

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### EDUCATION

**B.S Computer Science Freshman** GPA: 4.0,

Present – May 2025

Nova Southeastern University, Fort Lauderdale

**Minors:** Cyber Security and Mathematics

Relevant Coursework: Fundamentals of Computer Programming, Discrete Math, Calculus 1-2, Introduction to Computer and Information Sciences.

**Awards:** Dean's list.

### SKILLS Summary

**Programming Languages:** Python, HTML, CSS, JavaScript, C.

**Proficiency:** Object-Oriented Design and functional programming.

**Frameworks:** React, Flask, Django

**Software/Databases:** SQLite, Bash, Git.

**Interpersonal:** Team-player, Creative, Leadership, Communication, Organized.

### PROJECTS

#### Portfolio Website:

#### Health Club (Twitter Clone) Personal Project

July 2022

- Developed a social media application using **NextJS** and **TailwindCSS** that allows users to create, reply to, and like posts. This React project used Firebases **Firestore** to store users' posts, comments, and likes.
- Utilized **NextAuth** to allow users to log in with their Google account. Additionally, this project incorporated **Recoil** to handle State Management.
- Additional features: Image upload for Posts, Emojis, and relevant News using a **News API**.

#### SimpleScribe, Hawk Hacks 2022 Hackathon Project

May 2022

- Developed a dynamic website that generates a text transcript of an audio recording. This site was built with **Python, Javascript, Flask, HTML, Ajax, AssemblyAI, Bootstrap, and CSS**. This site used the **Distributed Compute Protocol** to allow parallel computing.
- My team and I successfully simplified the task of transcribing audio through our website, allowing multiple users to interact with the **Assembly API** with **multithreading** capabilities.

#### RookieRobot, Rookie Hacks II MLH Hackathon Project

May 2022

- Developed a **Twitter bot** webpage that runs on the **Google Cloud Compute Engine**. The site and bot were built with **Python, Flask, HTML, CSS, BootStrap**, and the **Twitter and Google Sheets APIs**.
- I created the **Python** scripts that communicate with the Twitter API, allowing the bot to **follow and tag users** who have been added to the Google site. The website also allows for **customizable tweets**, which the bot would reference rather than the preset quotes in the Google sheets.

#### ShopAReality, Hackerverse MLH Hackathon Project

May 2022

- Developed a winning Augmented Reality eCommerce Website using **Python, Flask, HTML**, and **Bootstrap** to showcase store items in AR format.
- The AR filters were developed using the **Echo3D** API so that users can visualize their products using their device's built-in camera.

### Leadership Experience / Extracurriculars

#### President, Game and Digital Design Club

June 2019 – 2021

- Organized and hosted coding and graphic design lessons for the educational advancement of students interested in computer science and game design.
- Planned and implemented 16+ programming sessions and mentored 20+ students in the study sessions.