

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

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, CSS**, and 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 which allows 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.
- My team and I successfully created a Twitter bot that could be used to **spread positivity** on this social media platform **through quotes or personalized messages**.

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.

Amazon Web-Scraper

June 2022

- Designed a Python web scraper using the **Scrapy** library and **SQLite** Database. This web scraper was built to continuously scrape as much information as possible about the product's name, reviews, price, and URL.

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 study sessions

Coordinator, Association for Computing Machinery (ACM)

Present – 2023

- I was recently voted by my fellow club members, and I will begin in this role this upcoming fall semester.