

Youssef Sadek

Bayonne, NJ | Youssefcizzle@gmail.com | [LinkedIn](#) | [GitHub](#)

Education & Skills

New Jersey Institute of Technology

Expected Graduation: May 2026

- Computer Science, B.S.
- **Relevant Coursework:** Data Structures, Information Systems, Cyber Security, Data Science, Discrete Math
- **Skills:** Java | C++ | PHP | Python | Sci-Kit Learn | Pandas | HTML/CSS | JavaScript | JQuery | React.js | Angular | Git | Figma

Experience

Brand Ambassador - Apex Systems

Mar 2024 – Oct 2024

- **Promoted an AI-powered shopping tool** for Instacart, **boosting customer engagement** and **driving technology adoption** in retail settings.
- **Addressed customer inquiries** and **facilitated seamless product experiences**, providing valuable feedback to improve service and product offerings.
- **Troubleshooted and resolved issues** with the smart cart, ensuring a **smooth shopping experience** for customers
- **Earned a contract extension** due to **outstanding performance** and **commitment to excellence** in representing the brand

Jeweler - Diamond Crown

Nov 2023 – Mar 2024

- **Resolved client concerns** through **effective communication**, ensuring high levels of customer satisfaction and fostering repeat business
- Oversaw meticulous manual checks for an extensive inventory of precious stones & metals, employing **Excel spreadsheets** to ensure accurate records & reduce discrepancies

Professional Development

Full python programing course

March - 2024

- Enhanced **problem-solving abilities** through **data analysis and visualization** using **Matplotlib**, **regular expression parsing**, and task **management**; proficient in **browser automation** with **Selenium**
- Demonstrated expertise in Python programming, including the development of **graphical user interfaces & games with Tkinter**

Projects

[Job Scraper Web Application](#) (Python, Flask, BeautifulSoup, Requests, Bootstrap)

- Developed a scalable **Python web application** to scrape LinkedIn job listings, utilizing **BeautifulSoup** and **Requests** to accurately extract job titles, companies, locations, and salary details.
- Designed a responsive interface with **Bootstrap** and built a **JSON API**, enabling seamless integration and dynamic data fetching via **AJAX**.
- Implemented **RESTful API endpoints**, **handled HTTP errors**, and optimized performance for a reliable user experience.

[Portfolio Website](#) (HTML, CSS, JavaScript, GitHub Pages)

- Employed **HTML, CSS, & JavaScript** to craft a cutting-edge portfolio website with **typewriter animations & sleek hover transitions**, boosting user engagement & project visibility.
- Hosted the site on **GitHub Pages** with version control, applying **modern CSS techniques** like **fade-in effects** and linking social media profiles for enhanced visibility

[Vulnerability Scanner](#) (Python, Requests, Multithreading)

- Engineered a multithreaded **Python** tool for conducting website security **vulnerability scans**, integrating customizable headers & randomized User-Agent selection to accurately identify over **20 vulnerabilities**, including threats like **SQL injection**.
- Maintained multiple URL targets with **robust backup servers** for error handling, enhancing reliability & efficiency