Youssef Sadek

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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   March 2024 – October 2024

- Represented Apex Systems for an AI-powered shopping tool, enhancing customer engagement and driving technology adoption in retail environments.
- Addressed customer inquiries, facilitated seamless product experiences, and reported feedback to improve service and product offerings.
- Troubleshot and fixed issues with the cart, ensuring a seamless shopping experience for customers.

Jeweler - Diamond Crown   November 2023 – March 2024

- Demonstrated strong communication skills in resolving issues with clients.
- Handled jewelry responsibly, ensuring careful management of store inventory.

Professional Development

Completed a full python programing course   March - 2024

- Completed a comprehensive 14.5-hour course on Python programming.
- Gained skills in problem-solving, data analysis, and visualization with Matplotlib, regex parsing, task management, and browser automation with Selenium.
- Developed proficiency in Python programming language, dxata structures, GUI, and gaming with Tkinter.

State Seal of Biliteracy - Arabic   June - 2022

- Recognized for proficiency in Arabic and English.
- Demonstrated advanced skills in reading, writing, and speaking in both languages.

Projects

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

- Developed a web application to scrape job listings from LinkedIn.
- Implemented web scraping using BeautifulSoup and Requests.
- Designed a responsive interface with Bootstrap.
- Created a JSON API for structured job data.
- Managed HTTP errors and implemented RESTful API.
- Gained experience with RESTful API development and client-side JavaScript for AJAX requests.

Portfolio Websitet (HTML, CSS, JavaScript, GitHub Pages)

- Built a responsive portfolio site using HTML, CSS, and JavaScript.
- Integrated typewriter animation for a dynamic introduction
- Showcased projects with hover effects and smooth transitions.
- Hosted on GitHub Pages with version control.
- Applied modern CSS techniques and added fade-in effects.
- Linked social media profiles for enhanced visibility.

Vulnerability Scanner (Python, Requests, Multithreading)

- Created a Python tool to scan websites for security vulnerabilities.
- Utilized multithreading for efficient scanning.
- Added customizable headers and random user-agent selection.
- Managed multiple URL targets and robust error handling.
- Gained experience in cybersecurity and web application security.