

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, Data Science, Operating Systems, Discrete Math
 - **Skills :** Java | C++ | PHP | Python | Sci-Kit Learn | Pandas | HTML/CSS | JavaScript | JQuery | React.js | Angular | Git | Figma
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Experience

Brand Ambassador - Apex Systems

March 2024 – Present

- 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.
- Troubleshoot 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.
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Professional Development

Completed a full python programming 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, data 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.
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Projects

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

- Developed a web application that scrapes job listings from LinkedIn to provide users with relevant job opportunities.
- Implemented web scraping techniques using BeautifulSoup and Requests to parse HTML and extract job data.
- Designed a responsive web interface with Bootstrap for displaying job listings.
- Created a JSON API endpoint to provide job listing data in a structured format.
- Handled HTTP response status codes to manage and log errors effectively.
- Gained experience with RESTful API development and client-side JavaScript for AJAX requests.

Portfolio Website Development (HTML, CSS, JavaScript, GitHub Pages)

- Implemented a responsive portfolio website using HTML, CSS, and JavaScript, ensuring optimal user experience across various devices and screen sizes.
- Designed and integrated a typewriter text animation to enhance the introduction section, providing a dynamic and engaging user experience.
- Developed a project showcase section with hover-grow effects and smooth transitions, highlighting key projects such as the Job Scraper Web Application.
- Utilized GitHub Pages for hosting the website, ensuring easy access and version control through GitHub.
- Applied modern CSS techniques including flexbox for layout management and media queries for mobile responsiveness.
- Incorporated a fade-in effect on page sections using Intersection Observer API for a polished and professional appearance.
- Integrated social media icons linking to LinkedIn and GitHub profiles, enhancing professional visibility.