Joshua Do

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| Portfolio: joshuado.com |
| LinkedIn: Joshua Do |
| Portfolio: Graphic Design |

EDUCATION

Northwestern University *Evanston, IL*
Bachelor of Arts in Computer Science *Expected Graduation, June 2025*

Relevant Coursework: Data Structures & Algorithms, Artificial Intelligence, Computer Systems, Operating Systems, Human-Computer Interaction, User Experience Design, Databases, Security, Scalable Software Architectures, and Networking.

TECHNICAL SKILLS

Languages: C/C++, Python, JavaScript, SQL, HTML/CSS, Java
Development Tools/Frameworks: Node JS, React JS, Docker, AWS
Database Management: MySQL
Software/Applications: VS Code, Git, Figma, Adobe Creative Cloud

PROJECTS

Serverless Cloud Application for PDF Analysis | Python, SQL, AWS Lambda, S3, API Gateway   November, 2024
- Designed a serverless, event-driven application to analyze PDFs using AWS Lambda, API Gateway, and S3.
- Implemented an asynchronous API for file uploads, analysis retrieval, and user management via MySQL.
- Added authentication with token-based access control for secure operations.

DreamMachine | Python, OpenAI API, JavaScript, HTML, CSS   August, 2024
- Created a web application utilizing the OpenAI API to generate personalized dream scenarios from user input.
- Developed a responsive front-end with HTML, CSS, and JavaScript for an engaging user experience.
- Implemented backend API interactions to handle GPT-3 prompt customization, processing user input, and delivering scripts.

tiilt Lab – SportSense Website | JavaScript, React JS, Node JS, Figma   February 2024
- Designed and developed a website using Human-Computer Interaction principles to enhance user experience and accessibility.
- Created reusable React components and templates, ensuring consistent design and streamlining content updates.
- Conducted wireframing and prototyping in Figma, incorporating user feedback to refine navigation and visual hierarchy.

EXPERIENCE

Research Assistant   February 2024 - December 2024
Northwestern tiilt Lab
- Collaborated with professors and graduate students on web development and UX/UI design research, focusing on improving accessibility and usability.
- Designed and implemented responsive websites using HTML, CSS, and JavaScript to meet user-side and client-side needs.
- Built and optimized backend functionality using Python and SQL to manage databases and support dynamic web applications.

Lead Graphic Designer   April 2021 – On going
Northwestern InkTank
- Created digital and print clothing designs using Adobe Creative Cloud and PhotoShop.
- Collaborated with team members across several committees to create cohesive visuals for different clubs and organizations.
- Led creative brainstorming sessions to generate innovative design concepts tailored to target audiences.

Sales Associate   September 2020 – September 2023
Ollie's Bargain Outlet
- Managed inventory, restocking, and store maintenance to ensure a smooth customer experience.
- Worked closely with colleagues to streamline daily operations, leveraging strong communication skills to coordinate tasks.
- Consistently recognized by supervisors with the highest monthly sales award, demonstrating a strong work ethic and dedication.