JAHAIRA FLORES

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EDUCATION

University of Michigan, Ann Arbor   August 2020 - August 2024
B.S. Computer Science, Minor in UX Design

Coursework: Data Structures and Algorithms, Web Systems, Database Management Systems, User Interface Development, Introduction to Computer Security

TECHNICAL SKILLS

Programming: Python, C++, JavaScript, SQL
Web Development: React.js, HTML, CSS, Flask, Django, Three.js
Data Tools: Tableau, Excel (Pivot Tables, VLOOKUP)
Other: Git, RESTful APIs, Docker, Figma
Certifications: Learn React & Advanced React (Codecademy), Google Analytics Professional Certificate (Coursera)

RELEVANT EXPERIENCE

Web Developer   *May 2025 - Current*
Next Level Society | Chicago, IL
- Rebuilt NLS's website using WordPress to enhance accessibility and streamline user experience, replacing the outdated Google Sites platform.
- Collaborating with with stakeholders to design responsive layouts and apply WCAG accessibility guidelines, improving usability across devices.
- Enhancing the digital presence of a nonprofit that provides arts education and career pathways for underrepresented youth in Chatham, Englewood, Roseland, and Garfield Park.

Adobe Creative Apprenticeship   *June 2025 - September 2025*
General Assembly | Remote
- Completed a 13-week hands-on program exploring the intersection of UX design and generative AI, mentored by Adobe professionals.
- Designed AI-enhanced visuals and marketing assets using Adobe Photoshop, Illustrator, and Firefly, integrating prompt-based design techniques to accelerate creative workflows.
- Prototyped interactive layouts and AI-assisted storytelling experiences, applying UX design principles to improve engagement and visual flow across web and digital interfaces.

Data Analytics Fellowship   *February 2025 - June 2025*
COOP Careers | Remote
- Engaged in a 16-week apprenticeship program, acquiring expertise in data cleaning, transformation, analysis, and visualization using SQL, Python, and Tableau, alongside continuous professional development.
- Cleaned, restructured, and grouped raw ad performance data to surface audience behavior patterns and campaign effectiveness, identifying high-cost, low-conversion segments for optimization.
- Developed three data-driven audience personas using behavioral trends, performance metrics (CPA, CTR, CVR, CPC), and external research to inform targeting strategy and improve ad efficiency.

Microsoft Externship   *March 2023 - March 2023*
Noble Career Office | Chicago, IL
- Gained a deeper understanding of corporate operations and the Software Development Life Cycle (SDLC) through mentorship and hands-on activities.
- Participated in professional development workshops, including resume reviews and networking opportunities, tailored to Microsoft's hiring process.

PROJECTS

Front-End Engineer | Instagram Clone   *August 2023 - December 2023*
React, Flask, Python, HTML/CSS
- Built an Instagram clone integrating React for dynamic, client-side interactivity and Flask for backend routing, authentication, and database operations.
- Implemented real-time state synchronization and data handling to ensure fast, consistent user experiences across the interface.

Back-End Engineer | Scalable Search Engine   *January 2024 - May 2024*
Python, HTML/CSS
- Collaborated in a team to develop a scalable search engine designed to handle large-scale data through efficient crawling, indexing, and ranking algorithms.
- Implemented key features such as PageRank, query processing, and tf-idf ranking to improve search accuracy and efficiency, reflecting complexities of real-world search engines.