

JAHAIRA FLORES

Entry Level Software Engineer

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EDUCATION

University of Michigan, Ann Arbor

2020 - 2024

Bachelor of Science - Computer Science

Minor in UX Design

Coursework: Data Structures and Algorithms (EECS 281), Web Systems (EECS 485)

Database Management Systems (EECS 484), User Interface Development (EECS 493)

TECHNICAL SKILLS

Programming Languages: Python, C++, JavaScript, SQL, MySQL

Web Development: HTML/CSS, React

Frameworks/Tools: Git, REST APIs, Figma, Flask, Django, Docker

RELEVANT EXPERIENCE

Microsoft Externship

Noble Career Office | Chicago, IL

- Acquired a deep understanding of corporate operations and software development processes.
- Developed technical and communication skills essential for effective collaboration and problem-solving in a professional environment.

Back-End Engineer | Scalable Search Engine

University of Michigan | Ann Arbor, MI

- Collaborated in team of three 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.

Front-End Engineer | Instagram Clone

University of Michigan | Ann Arbor, MI

- Developed an Instagram clone using client-side dynamic pages to provide a seamless user experience for real-time interactions without reloading the page.
- Utilized JavaScript and AJAX to dynamically load content, enhancing performance and user experience by reducing server load and response times.
- Designed and implemented interactive UI components such as image uploads, likes, comments, and follow functionality, mimicking the behavior of a real-world social media platform.

OTHER

Member Service Assistant

2022 - 2024

University of Michigan | Ann Arbor, MI

- Greeted and checked in over 100 members daily, ensuring a positive and welcoming experience while managing multiple tasks efficiently.
- Promoted and sold guest passes and merchandise, directly contributing to overall sales and enhancing customer experience.

Teacher Assistant

2018 - 2020

Chicago Public Schools (CPS) | Chicago, IL

- Volunteered in classrooms for over 30 students, improving academic performance in reading and math.
- Conducted IT system check-ups, maintaining classroom technology for uninterrupted learning.
- Managed and redistributed classroom equipment, ensuring resources were available and functional.

ACTIVITIES

CodePath - Technical Interview Prep, *Current*

GEECS (Girls in Electrical Engineering and Computer Science), *Member*

SHPE - Society of Hispanic Professional Engineers, *Member*