Ashraf Hammoud

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EDUCATION

University of Michigan - Dearborn

Bachelor of Science in Software Engineering *GPA: 3.90/4.00*   Dec 2023

SKILLS

Programming Languages:	C, C++, TypeScript, JavaScript, Python, PHP
Technologies:	HTML, CSS, SASS, Node.js, Laravel
Databases:	MySQL, SQLite, PostgreSQL, SQL
Frontend Frameworks:	React, jQuery, Bootstrap, Material UI
Tools & Platforms:	Git, Unix, Docker, Firebase, Supabase

PROJECTS

studySpot (Reddit-like Forum) - *Laravel, JavaScript, HTML, SASS, MySQL*   Sep 2022 - Dec 2022

- Led a team in the development of a full stack Reddit-like forum designed to facilitate communication among UM students through posts, comments, and reactions, complete with individual accounts and authentication.
- Created an intuitive interface for UM students to communicate, share ideas, and collaborate with their peers effectively

Job Processor Sim - *JavaScript, HTML, CSS, GitHub Pages*   Mar 2021 - Apr 2021

- Developed and optimized a program that simulated a multi-processor computer system using a priority queue, determining the most efficient number of processors (3) through analysis of a sample size of 5,570 job processes.
- Created an interactive UI design, providing users with an intuitive and engaging interface for accessing the project's features and functionality.

My Portfolio - *Node.js, HTML, SASS, Heroku*   Jan 2023 - Feb 2023

- Designed and developed a portfolio site to showcase your work, highlighting your skills and expertise in web development and design.
- Implemented z-index manipulation to create an interactive user experience, allowing users to engage with and explore your portfolio site in a dynamic and engaging way.

WORK EXPERIENCE

Pluck.eco   Detroit, MI

Software Engineering Intern   May 2023 - Aug 2023

- Spearheaded the creation of a dynamic weekly product recommender, personalized to user preferences, resulting in increased user engagement and a noticeable boost in sales.
- Designed and implemented an intuitive order feedback form, significantly enhancing the customer experience and providing valuable data for continuous improvement.
- Developed a custom Shopify Pluck app, automating partner business order processing and optimizing overall operational efficiency.
- Established a robust developer environment for an upcoming service, meticulously selecting technologies and implementing thorough testing protocols, ensuring the highest standards of reliability.

VOLUNTEER WORK

Global Heights Academy   Dearborn Heights, MI

Special Education Volunteer   Mar 2021 - Present

- Effectively managed and trained volunteers, delegating responsibilities and ensuring high-quality services were delivered to families.

AWARDS

James B. Angell Scholar   University of Michigan

Students who achieve an "A" record for 2 or more consecutive terms

William J. Branstrom Prize   University of Michigan

1st-term freshmen who rank in the upper 5% of their class