LUCIANA SOLORZANO

lusolorz@umich.edu | +1 (305) 297-0063 | Miami, FL | Portfolio Website

Recent University of Michigan graduate with a strong software engineering background and a passion for solving business challenges through technology. Skilled in developing user-focused solutions, optimizing processes, and communicating technical concepts to diverse stakeholders. Seeking to apply technical expertise and problem-solving skills in a dynamic tech role.

EDUCATION

University of Michigan									**Ann Arbor, MI**
Bachelor of Science in Engineering in Computer Science						*Aug 2020 - Apr 2024*
Coursework: Data Structures and Algorithms, Data Programming, Computer Architecture, Software Engineering, Computability Theory, Database Management Systems, Information Retrieval, Mobile App Development for Entrepreneurs, Web Systems

PROFESSIONAL EXPERIENCE

Bright Vessel										**Remote**
Web Development Intern									*Jun 2022 - Sep 2022*
- Edited PHP and HTML files in accordance with the WordPress API, to resolve customer-reported conflicts for WooCommerce plugins, specifically Bright Vessel's "Cha Ching" plugin for WordPress admins.
- Resolved tickets and provided IT support through Bright Vessel client chat bot.
- Relayed conflict information related to WooCommerce updates to Agile-structured Jira task lists.

Galatea Bio										**Miami, FL**
Engineering Consultant Intern								*Aug 2023 - Sep 2023*
- Worked collaboratively to enhance genetic sample collection at Galatea Bio, contributing to product development through prototyping, market research, and user-driven insights.
- Designed and delivered a data-driven SEO strategy to the CEO, optimizing digital visibility and strengthening the company's outreach efforts.

ACADEMIC EXPERIENCE

University of Michigan									**Ann Arbor, MI**
Project - Contributing to pandas GitHub Codebase						*Feb 2022*
- Resolved Dataframe formatting issue for Python library pandas in accordance with GitHub/pandas contribution guidelines.
- Implemented test coverage strategies and automated test generation to validate code edits eventually leading to changes merged.

University of Michigan									**Ann Arbor, MI**
Project - Creative Writing App "Plot Web"							*Apr 2023*
- Developed a cross-platform application using Flutter SDK, enabling creative writers to dynamically visualize character relationships and plot development using a visual web with clickable links summarizing characters and relevant plot points.
- Gained experience in designing intuitive and user-friendly interfaces for complex data visualization tasks, including implementing interactive diagrams and dynamic layouts to enhance user engagement.

LEADERSHIP

University of Michigan Sailing Team							**Ann Arbor, MI**
Club Sailing Team, Executive Board Member							*Dec 2022 - Jan 2024*
- Represented the team as Club Sports Liaison and Travel Chair, serving as the main contact between club sports and the team. Responsibilities included enforcing safety compliance, managing travel logistics, and selecting sailors for competitions.

SKILLS AND CERTIFICATIONS

- *Certifications*: User Certified in Autodesk Inventor, WordPress LinkedIn Learning
- *Technical Skills:* JavaScript, PHP, CSS, HTML, React, C++, C, Python, SQL, AWS, Flask, Git, WordPress API
- *Soft skills:* Problem-solving, Adaptability, Teamwork, Communication, Curiosity,