AMBERLY CAROLINA SANDOVAL SANTIAGO

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Portfolio: https://www.amberly.dev ◆ **LinkedIn:** https://www.linkedin.com/in/carolina-sandoval-santiago/

PROFESSIONAL SUMMARY

Creative Full Stack Web Developer with a background in Biotechnology Engineering, passionate about designing and creating innovative and user-friendly applications. Focused on writing clean code to ensure optimal performance and maintainability. Committed to excellence, continually improving coding practices to uphold industry standards and exceed expectations.

WORK HISTORY

Manufacturing Intern, 05/2022 - 10/2023
Philip Morris Mexico - Zapopan, Jalisco
Propose and implement improvements to manufacturing processes and quality control procedures to enhance efficiency and optimize resource utilization.
Key Accomplishments:
- CBN award for the testing and deployment of an app that gathers data about quality processes.
- Reduction of waste from 7% to 4%, saving up to 7,000 dollars.

Laboratory Intern, 08/2021 - 12/2021
Meristemo - Zapopan, Jalisco
- Developed an enhanced micropropagation protocol for *Solanum tuberosum* that results in a 20% increase in propagation efficiency compared to the existing method.
- Involved in meticulous processes of plant tissue culture, sterilization techniques, and nutrient media preparation.

EDUCATION

Full Stack Web Development: Software development, 08/2023 - 03/2024
Tecnológico De Monterrey - Zapopan
A 24-week intensive program focused on gaining technical programming skills in HTML5, CSS3, Javascript, ReactJS, GitHub, JQuery, Bootstrap, Node.js, Insomnia, GraphQL, Wordpress, MySQL and MongoDB.

AI Applications and Prompt Engineering: Software development, 11/2023
EdX
This certification signifies a comprehensive understanding of AI frameworks, tools, and applications, coupled with the ability to craft effective prompts for diverse AI systems

Bachelor of Biotechnology Engineering: Biotechnology, 08/2018 - 06/2023
Tecnológico De Monterrey - Zapopan, Jalisco
Solid foundation in applying engineering principles to biological systems, with expertise in molecular biology, genetic engineering and bioinformatics.
- Awarded SEDENA Scholarship
- Graduate with a 92 score

LANGUAGES

English - Advanced - TOEFL C1