

SANTOS ARELLANO OLARTE HE/HIM

FRONTEND PROGRAMMER / PHOTO EDITOR

JavaScript, HTML, CSS, React, Python , C++, C#, R, MatLab

EDUCATION

BACHELOR OF TECHNOLOGY

Monterrey Institute of
Technology and Higher
Education

August 2022 - June 2026
(expected)

CONTACT INFO



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Guadalajara, Mexico



Linkedin

Santos Arellano

MY SKILLS

Graphic Design

Web Design

SEO & Marketing

Photography

Video Editing

Logo Design

Git

- Excellent problem-solving
- Team Work
- Talk in Public
- Strong Communication
- strong interpersonal skills
- proactive
- Efficient multitasker
- Strong leadership skills
- Strong organizational skills

WORK EXPERIENCE

Quantum Route Optimization Project | Python, Qiskit,NetworkX 2023

- Engaged in the IBM Quantum Hackathon 2023, where I spearheaded a project utilizing a 127-qubit quantum computer to optimize delivery routes for an enterprise, significantly reducing both time and cost.

RecipeIA - HackMTY 2023|Express.js , Node.js, IA API

2023

- Participated in Mexico's largest student hackathon, collaborating with MLH, and utilized AI for creative problem-solving.
- Co-creator of **RecipeIA**, a user-friendly **cooking app**. Offers advanced personalization, diverse menus, **AI-generated recipes**, and envisions **future** implementation of **food image recognition**, fostering a vibrant culinary community. Transforming home cooking.

2022

E-commerce Simulation | C++

- Developed with two classmates, a program that, with the use of classes, inheritance, and file manipulation, successfully **simulates** every aspect of an **E-commerce**
- Implemented login, logout, register and checkout functions

2023

DATA ANALYSIS OF COVID-19 VARIANTS WITH R

- Using **R**, my team and I were able to show the Nucleotics, length and filogenetic relation between 12+ variants worldwide.
- We used **Data Bases** like **NCBI** for the DNA sequences of the covid-19 variants.

2023

INTELLIGENT WATER BOTTLE

- In **Fusion 360** I designed the Bottle using **Revolution Solids** for a quiker design.
- For marketing reasons I improved my knowledge in **Blender** to create a promotional animation.

DEVELOPMENT PROYECT OF A WEB PAGE FOR A vineyard/Restaurant "Viñas San Valentin"

2023

- I was involved in a **project** for a ineyard/Restaurant "Viñas San Valentin" on the wine Route Ensenada, Baja California
- Sadly the project is in stand by for educational reasons.

Participated in Solana Hackathon | Guadalajara, Mexico | June 2-4

2023

- Developed "CriptoVibes" to **tackle** ticket theft and excessive **reselling** using **NFTs**.
- Secured the **first place** in the Solana **challenges**.

EDUCATION HISTORY

Lazaro Cardenas Federal Preparatory School

2019 - 2022

- I studied Information and Communication Technologies

ONE - Oracle Next Education

2023 - Present

- Front-End (Web Developer)

VOLUNTEERING:

University Community **Leader**

University Violence Support **Companion**