SANTOS ARELLANO OLARTE HE/HIM

FRONTEND PROGRAMMER / PHOTO EDITOR

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

EDUCATION

BACHELOR OF TECHNOLOGY

Monterrey Institute of Technology and Higher Education

August 2022 - August 2026 (expected)

CONTACT INFO

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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

PISA Test Evaluation Tool | Python, Tkinter, json — **2022**
- Developed a program that allows the user to practice for the **PISA** test with random math **exercises**.
- Implemented a dynamic user **interface** using the **Tkinter** library

3D and 2D Simulations | Matlab — **2022**
- Program that displays a 3D **simulation** of the explosion of a volcano, with the **trajectory** of the rocks
- **Program** that displays a 2D **simulation** of F1 Montreal racetrack, with velocity and acceleration graphs

E-commerce Simulation | C++ — **2022**
- 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

DATA ANALISIS OF COVID-19 VARIANTS WITH R — **2023**
- Using **R**, my team and I were able to show the Nucletics, length and filogenetic relation between 12+ variants worldwide.
- We used **Data Bases** like **NCBI** for the DNA sequences of the covid-19 variants.

INTELLIGENT WATER BOTTLE — **2023**
- 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**