

# Carlos Eduardo Sánchez Torres

COMPUTER SCIENTIST

## Profile

I'm an experienced computer scientist with expertise in web-based software development. Skilled at making critical decisions and collaborating with teams to deliver high-quality software. Passionate about using my skills to advance human knowledge.

## Employment History

### Co-Founder, API Market, Remote work

MARCH 2023 – PRESENT

We have established an API validation company that aligns with Mexican government systems and regulations. Some of my achievements include:

- Developing an open-source REST API that connects developers with CURP and RENAPO, boasting over 1,500 users and handling thousands of requests daily.
- Creating a REST API for IDSE IMSS that employs PKCS 7 cryptography. As a result, accounts can now operate more efficiently.
- Crafting a WordPress plugin that integrates API Market services with Contact Form 7.

[Web](#), [Code](#), and [Docs](#).

### Intern, CICESE, Ensenada

JANUARY 2023 – JUNE 2023

Spearheaded the development of Eva Notebook, a novel peer-to-peer browser notebook. The project was instrumental in empowering distributed agents to manipulate their environment. [Code](#), [Demo](#).

### Intern, Hospital General de Ensenada, Ensenada

JANUARY 2023 – JUNE 2023

I played a pivotal role in the development of MexicanPACS, a distinctive software solution. I've deployed and tailored OHIF to integrate with CONQUEST DICOM. Within this framework, we tested several deep learning models to assess breast cancer risk in patients using mammograms. [Docs](#).

## Education

### B.Sc. Computer science, UABC, Ensenada

JULY 2019 – PRESENT

- Successfully accomplished comprehensive coursework encompassing key areas such as data structures, algorithms, and computer systems, strengthening foundational knowledge and technical acumen.
- Developed a thorough and insightful thesis offering significant contributions to Investment Portfolio. The thesis can be accessed [here](#).

### Research summer, Evolutionary algorithms, CINESTAV, Mexico City

JULY 2022 – AUGUST 2022

I actively participated in the prestigious Programa Delfín at CINESTAV in 2022, under the guidance of Dr. Carlos Coello. My focus was on research in Evolutionary Algorithms. I developed a demonstrative application to showcase the practical usage of these algorithms. [Demo](#) and [Letter of recommendation](#).

## Details

Ensenada  
Mexico  
(646) 121 51 11  
[hello@sanchezcarlosjr.com](mailto:hello@sanchezcarlosjr.com)

## Links

[LinkedIn](#)  
[GitHub](#)  
[YouTube](#)  
[Web](#)  
[Carlosversity](#)  
[Projects](#)

## Skills

Node.js  
React  
JavaScript  
HTML & CSS  
Docker  
C++  
SQL  
Linux  
Git  
Software Engineering  
Object-oriented design  
Algorithm design  
Data structures  
Bash

## Languages

English B2

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