CARLOS EDUARDO SÁNCHEZ TORRES

Computer Scientist
Ensenada, Mexico
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EMPLOYMENT HISTORY

Intern, CICESE, Ensenada
JANUARY 2023 — JUNE 2023

Spearheaded the development of Eva Notebook, a novel peer-to-peer browser notebook.

- Aimed at enabling agile AI system development.
- The project was instrumental in empowering distributed agents to manipulate their environment.
- Facilitated the exploration and testing of innovative ideas.

Code, Demo.

Intern, Hospital General de Ensenada, Ensenada
JANUARY 2023 — JUNE 2023

Played a pivotal role in creating MexicanPACS, a unique software solution.

- Played a pivotal role in creating MexicanPACS, a unique software solution.
- Equipped doctors with the ability to predict breast cancer risk in patients.
- Utilized the DICOM standard, Deep Learning, and Image Processing for accurate estimates.

Docs.

Software engineer, UABC, Remote work
NOVEMBER 2020 — JULY 2021

Collaborated with Dr. Kubo to architect a business intelligence system.

- Aimed at delivering valuable research insights for UABC.
- Employed technologies such as Laravel, React, GraphQL, Docker, and PostgreSQL.
- Demonstrated versatility and adaptability in design and execution.

Demo, Code, and 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

- Actively participated in the prestigious Programa Delfín at CINESTAV in 2022, under the guidance of Dr. Carlos Coello.
- Delved into the complexities of Evolutionary Algorithms with a focus on leveraging them to tackle optimization problems effectively.

- Developed a demonstrative application to showcase the practical usage of these algorithms.

Demo.

LINKS

LinkedIn   GitHub   YouTube   Web   Computer science notes

SKILLS

Node.js

JavaScript

Docker

SQL

Git

Object-oriented design

Data structures

React

HTML & CSS

C++

Linux

Software Engineering

Algorithm design

Bash

LANGUAGES

English B2

SIDE-PROJECTS

Projects and research in a nutshell

JUNE 2020 — PRESENT

Demos, docs, and code.

HOBBIES

I enjoy reading books on computer science, mathematics, and epistemology.

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.