Santiago Benítez Pérez

SOFTWARE ENGINEER

Details

Miguel Hidalgo, CDMX
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Links

Portfolio

Skills

MongoDB

Node.js

React

HTML

CSS

C++

Git

Python

JavaScript

Express.js

Languages

English

French

Profile

Student of Computer Science at Tecnológico de Monterrey, Santa Fe Campus. I would like to dive into software development so I can take part in the solution to the problems within our society. I believe that I can contribute value in these areas of knowledge in companies that need digital solutions that have a long lasting effect and are efficient.

Education

High School, French Cultural Institute, Mexico City
AUGUST 2019 — JULY 2021

Graduated with High Honors. First place in general group achievement, 2020-2021.

College, Monterrey Institute of Technology and Higher Studies, CSF (Santa Fe Campus)
AUGUST 2021 — PRESENT

Academic Experience

TC1003B - ICT Module - Health Indicator
MARCH 2022 — MAY 2022

- Built a health indicator to test whether a person is infected with COVID or not.
- Measured the health of a person via a user interface (built in Python) that communicated to an Arduino Uno that controlled the movement of 2 servomotors that were connected to a robot. Different movement patterns of the robot´s eyes indicated the health of the person.

MA1042 - Data Science and Mathematics
FEBRUARY 2022 — JUNE 2022

- Created a mathematical model that allowed me to predict changes in my body mass (weight) if I consume a certain amount of calories over time.
- I measured the effect of my caloric consumption on my body by analyzing data corresponding to my daily consumption over a period of 5 months with the help of scikit-learn, a machine learning library for the Python programming language.

Weather Application
JUNE 2022 — JULY 2022

- Built a weather app with JavaScript, CSS and HTML to pay attention to weather conditions and patterns in different cities around the world.
- Applied knowledge of Asynchronous JavaScript to handle the promise-based weather API in order to render the information to the user.

Full Stack Note Application
JULY 2022 — SEPTEMBER 2022

- Implemented a full stack web application that runs on the MERN (Mongo DB, Express.js, React.js and Node.js) stack to keep track of important/non-important notes that follow a strict schema to be monitored in the database.

Extra-curricular activities

Completion of the Kumon Mathematics program
JULY 2014 — NOVEMBER 2018

- Completed the mathematics program offered by Kumon in New Delhi, India.

Leadership and Student Training (LiFE), "HOW TO SPEAK WITHOUT FEAR IN PUBLIC"

OCTOBER 2021 — NOVEMBER 2021

- Learned about efficient communication in front of an audience.
- Adopted good intonation and behavior practices on stage to keep my audience engaged.