Gutiérrez Castro José Alberto

Web Developer y Physicist

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Github
Portfolio
LinkedIn

ABOUT ME

Physicist from UNAM and web developer, I am curious and determined to continue learning about software development and other areas related to computer science. I am a person committed to work and professional, I like to investigate technologies and learn new ones, particularly web development and data science, work as a team and have good communication with my colleagues. My training in the area of science has taught me to solve problems or investigate if necessary to solve them, for this reason I am a person who loves to learn and I am curious to know new things.

SKILLS

- Self accountable
- Professional
- Learn new things
- Engaged
- Teamwork
- feedback culture
- Self learner
- Agile
- Willingness to teach
- Troubleshooting

- CSS 3
- HTML 5
- Javascript
- React
- Bootstrap
- Firebase
- MUI
- Chart.js
- GIT
- React-big-calendar

LANGUAGES

- English
- Spanish

EDUCATION

Web Developer
Ajusco Bootcamp CDMX
AUGUST 2021 - MARCH 2022
Physicist
Facultad de Ciencias UNAM CDMX
AUGUST 2010 - JULY 2015
Digital Systems technician
CECyT N°9 Juan de Dios Batiz Paredes CDMX
AUGUST 2006 - JULY 2009

AWARDS

- Participation in the Mini-congress of Robotic Expo Bátiz CECyT N° 9 Juan de Dios Batiz Paredes with sumo robot 2009

- Third Place in the student mini-congress with the "Accelerometer" project Faculty of Sciences UNAM October 2011

EXPERIENCE

Freelance front-end developer
AUGUST 2021 - MARCH 2022
Development of intuitive and understandable user interfaces for the correct interaction between the system and the user using technologies such as: JavaScript, ReactJS, Bootstrap, Firebase, MUI, GIT, etc.

Together for education and comprehensive development, Xalatlaco, Mex. — Learning Monitor
JULY 2016 - MARCH 2019
I held the position of Learning Monitor within the Enriched Learning Environments project for basic education students.

PROJECTS

Some of open freelance projects to see:
- CrossFt app for CrossFit enterprise in which a dashboard for payment managment and a social network was developed (on development) — React, Bootstrap, Firebase, React-big-calendar, CRUD
- Trivia — Web project of questions and answers.
- Musical KeyBoard — Site built in JS and CSS.
- Security Cypher (Cesar) —Application that makes use of the Caesar cipher built in JS.
- Mexflix — Catalog of movies that makes use of the OMDb API.
- Memory Game — Memory game using CSS, JS and HTML.
- Students data analytics — Dashboard, Web application for data visualization and manipulation using JS and Chart.js.
- Visitors Reception — flow control in a coworking building with the help of data from a reception using Chart.js and JS.
- Social Network — Social network for dogs built with React and MUI.
- Notes App — Notes app for personal use.

Social Service — Institute of Physics
Electronic properties of metallic silver-copper nanoclusters and silicon carbide nanowires using SIESTA software for electronic structure calculations and molecular dynamics simulations and C programming language to calculate mean interatomic distance.

Bachelor's thesis — Institute of Physics
Computational nanoscience with the topic: "Electronic properties of metallic silver-copper nanoclusters" using SIESTA software for electronic structure calculations and molecular dynamics simulations as well as genetic algorithms to optimize electronic structures and properties.

CERTIFICATIONS

- **Responsive Web Design — FreeCodeCamp**
- **JavaScript Algorithms and Data Structures — FreeCodeCamp**