Jahziel Oswaldo Cabrera Arellano

Full Stack Developer

Physicist, Robotics Enthusiast and Web Developer. I build and optimize user-focused websites and applications. In my free time I help people to learn mathematics, physics and programming. My next objectives are to become a Senior and generate digital content to share my knowledge with other people.

✉ jahziel_oswaldo@hotmail.com

📱 (228) 149-5452

📍 Xalapa, Veracruz

in linkedin.com/jahzielcabrera

github.com/jahzielcabrera

EDUCATION

Universidad Veracruzana   **2015-**
B.S in Physics

Coursework: Scientific Programming, Calculus, Diferential Equations, Linear Algebra, Classical Mechanics, Quantum Mechanics, Tensors Calculus, Intro to Data Science and Machine Learning, CFD in Python.

WORK EXPERIENCE

Freelance Projects   *Ago 2021 - Present*
Web Development

+ Full Stack Development of a ERP Software for Local Company.
+ Request requirements and negotiate features with the clients.
+ Start new projects for national companies from zero to MVP.

Grupo Letter Press   *Dic 2020 - Jul 2021*
Web Development/Marketing

+ Design, implement and deploy landing pages and websites.
+ Create and Manage Facebook Ads Campaings.
+ Create and Manage Google Ads Campaings.

EnjooyMX (Entrepreneurship)   *Jul 2020 - Dic 2020*
Restaurant Managment Software

+ Develop Full Stack Web Application.
+ Payments and Suscriptions processing with Stripe.
+ 30+ users registrations.

Student Researcher Assistant   *Jan 2020 - Jul 2020*
Robot simulations with ROS/Gazebo

+ Generate Robot Simlulations in Gazebo with ROS.
+ Write Algoritms for Robots Navigation.
+ Write Kalman Filter Algoritms in Python.

AWARDS AND ACHIEVEMENTS

Día del Inventor Mexicano 2021   *Feb 2021*
Oficina de Transferencia de Tecnología UV

Acknowledgment by patent "Dispositivo de control háptico de fuerza para el análisis y mejora en el entrenamiento de nadadores" (MX/a/2019/015083)

Datatón Anticorrupción 2019   *Dic 2019*
Secretaria Ejecutiva del Sistema Nacional Anticorrupción

We analize more than 360K public contracts of Mexican Goverment and develope algoritms to find anomalous relationships.

Data Challenge Industrial 2019   *Oct 2019*
Centro de Investigación en Inteligencia Artificial UV

Analize the production of Plastic Bags for Local Company and Develop algoritms to reduce the loss.

SKILLS

HTML   CSS   JavaScript   NodeJS   Python   NPM   MongoDB   ReactJS   React Native   Git/Github   TypeScript   Express   Linux   NGINX   Django   Sequelize   Mongoose   PostgreSQL   SQL   C++   Selenium   SciPy   Numpy   Matplotlib

PROJECTS

Restaurant Managment Software   *2020*

+ Web app for restaurant managment that processes payments and suscriptions with stripe. More than 30 registered users.

Virtual Fitting Room   *2020*

+ Virtual reality fitting room app using ml5.js for pose detection. Clothing fit to person based on their pose and position.

Newspaper Web Scrapper   *2020*

+ ETL process to get daily news from two newspapers using python and BeautifulSoup.

SOFT SKILLS

- Problem Solving
- Critical Thinking
- Comunication
- Autodidact
- Empathy
- Team Leadership
- Public Speaking
- Curiosity

LANGUAGES

Spanish
Native or Bilingual Profiency

English
Limited Working Profiency

INTERESTS

- Robotics
- Artificial Intelligence
- Blockchain
- Web 3.0
- Internet of Things
- Robot Operating System (ROS)
- Sports Science
- Quantum Computing