Gerardo Hernández

Computer Science Student

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OVERVIEW

I am a student from CETYS University with a high interest in cloud development and data science. I've been gaining experience automating internal processes in general, using docker, docker-compose, jenkins and AWS SDK (boto3). Also I have solid usage of Python, C++, Go, Javascript and other tools.

EDUCATION

CETYS Universidad, Tijuana — *Computer Science Engineering*

August 2018 - Present

INTERNSHIPS

Teradata — *Test Engineering Intern*

January 2021 - Present

PROJECTS

Polynomial Regression Visualization — React*JS/Chart.js/MathJS* *Link*

A polynomial regression interface to experiment with. Made with React JS, Chart.js and MathJS.

Snake 3D with RL Algorithm — *JS/Three.js/WebDev* *Link*

Recreation of the classic video-game "The Snake" into a 3D scenarium. Implemented with a Reinforcement Learning algorithm from scratch.

Gorip with Go — *Golang/Cookie Injection* *Link*

A tool for facebook scrapping, and have some interaction without the need of a web browser or any API credentials. The tool was built with the standard http library.

CETYS Academy — *Django/Django Rest framework/Python*

A web app for having online courses for teachers and students from CETYS university. This was a project for social service. It has solid bases, so next student generations can continue working on it.

AWARDS & CERTIFICATIONS

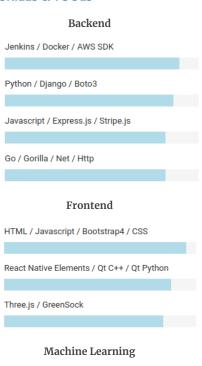**Hackify League** — *Winner of first place at Hackathon Tijuana*

August 2020

AI Lab School — *Certification of Training in Artificial Intelligence*

February 2021

SKILLS & TOOLS

Backend

Jenkins / Docker / AWS SDK

Python / Django / Boto3

Javascript / Express.js / Stripe.js

Go / Gorilla / Net / Http

Frontend

HTML / Javascript / Bootstrap4 / CSS

React Native Elements / Qt C++ / Qt Python

Three.js / GreenSock

Machine Learning

Tensorflow / Pandas / SQL

Plotly / Matplolib

C++ mlpack / R

LANGUAGES

English (Efficient)

Spanish (Native)

LINKS

Github

Linkedin

Webpage