Gerardo Hernández

Computer Science Student

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OVERVIEW

I am a student from CETYS University with a high interest in backend development, cloud development, security and more. I've experience working on automations generally, using docker, docker-compose, Jenkins and AWS SDK (boto3). Also I have solid usage of a variety of languages such as Python, C++, Go, Javascript, Bash/shell script.

EDUCATION

CETYS Universidad, Tijuana — *Computer Science Engineering*

August 2018 - Present

INTERNSHIPS

Teradata — *Test Engineering Intern*

January 20, 2021 - September 23, 2021

PROJECTS

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.

Polynomial Regression Visualization — *ReactJS/Chart.js/MathJS* *Link*

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

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.

Glitch with C++ and OpenMP — *CMake/OpenMP/C++Link*

Pixel Sorting algorithms written in C++ with OpenMP support. This tool allows you to make glitch effects on an image from your command line.

AWARDS & CERTIFICATIONS

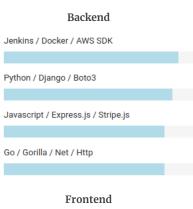**Hackify League** — *Winner of first place at Hackathon Tijuana*

August 2020

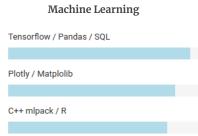**AI Lab School** — *Certification of Training in Artificial Intelligence*

February 2021

Nvidia — *Certificate of Competency in Deep Learning*

May 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