

Jorge Alvarez

DATA ANALYST AND DATA
SCIENTIST

Details

Lima - Peru

jorgealvarezore@outlook.com.pe

NATIONALITY

Peruvian and French

Links

[X \(Twitter\)](#)

[LinkedIn](#)

[GitHub](#)

[Personal website](#)

Skills

Python and Jupyter Notebook

Numpy, Pandas and Tensorflow

Web scraping

Power Bi

ArcGIS and AutoCAD

C# and WPF

Hobbies

Play videogames and Listen to music

Languages

Spanish (Native)

English (Intermediate B1 TOEFL)

French (Basic)

Profile

I'm a passionate enthusiastic always curious of the latest trends in the Data world. My former degrees and work experience were in Environmental Engineering and Mining specifically in GIS and CAD softwares designs.

Employment History

Independent GIS and CAD specialist

JANUARY 2022 — PRESENT

- Design of maps with ArcGIS, AutoCAD and AutoCAD Civil 3D softwares
- Develop GIS tools (ArcPy) and applications (C#/WPF) to speed up process
- Field supervisor of environmental monitoring

GIS specialist at JCI, Lima - Peru

JANUARY 2018 — DECEMBER 2021

- Design of maps with ArcGIS, AutoCAD and AutoCAD Civil 3D softwares
- Review of environmental reports

Education

Course Data Analyst Path, DQ Solution (Microsoft Partner Network)

NOVEMBER 2023

Graduated in Data scientist, Platzi

APRIL 2023

Graduated in Data analyst, Platzi

APRIL 2022

Graduated in Master Degree in Mining and Environmental Management, UNMSN, Lima - Peru

2018 — 2019

Bachelor's degree in Environmental Engineerin, UNFV, Lima - Peru

2007 — 2017

Technician degree in Surveyor, SENCICO, Lima - Peru

2008 — 2010

Projects

Financial Data Extraction Tool (OpenAI API)

[Project hosted on Github](#)

Simple tool to extract financial data from a text given using the OpenAI API (OpenAI ChatCompletion). App written in Python (code behind) and Streamlit (front-end).

Question-and-answer system in a custom database (OpenAI API + SQL)

[Project hosted on Github](#)

Building a question-and-answer system that respond as ChatGPT but fetch a reply from an internal organization database using the OpenAI API (OpenAI Function Calling). App written in Python (back-end) and Streamlit (front-end).

Pizza sales report (SQL and Power BI)

[Project hosted on Github](#)

SQL queries and Power BI dashboard to analyze the Key Performance Indicators (KPI) and show some charts to gain insights of the business performance and understand key trends.

Phytogeographic image recognizer (Tensorflow)

[Project hosted on Github](#)

Convolutional Neural Network model to classify images of common botanic species in Rio Blanco - Lima - Peru. Trained from own images dataset. The model uses the Keras API, Tensorflow platform, and Numpy and Matplotlib libraries.

Six mini applications in C# (Port from Python to C#)

[Project hosted on Github](#)

Practicing my self-taught studies of C# by porting the 6 basic Python projects presented on the YouTube channel 'freeCodeCamp Español' from Python to .NET C#.