

DIEGO FIGUEROA

Gilroy, California · diegofigueroa79@gmail.com · 4083108066 · <https://github.com/diegofigueroa79>

WORK EXPERIENCE

Scale AI

AI Training Quality Specialist

San Francisco, CA - Remote
March, 2023 - Present

- Develop and Participate in training next-generation LLM models, or build upon existing LLM models, e.g. ChatGPT (GPT-4, gpt-3.5-turbo)
- Particularly focus on Conversational LLM's for generating programming solutions in Python, Javascript and SQL
- Discuss and evaluate efficient and clear Prompt Engineering for interacting with LLM's

Yodel Labs

Full Stack Developer

Pittsburgh, PA - Remote
February, 2021 - November, 2022

- Develop, release, and maintain Back End services in Django / PostgreSQL, and Front End services in Javascript, HTML/CSS
- Build and manage core REST APIs for managing map location data, asset tracking, and system health
- Create and operate Docker images, for Django/Flask applications and microservices with Docker Compose and AWS EC2

Glogou

Software Developer Intern

Santa Clara, CA - Hybrid
September, 2019 - February, 2021

- Built Large Language Model (LLM) application, implementing fine-tuned Google's BERT model to measure the sentiment analysis of company data.
- Designed, programmed, and tested web applications with Javascript, Django, CSS, HTML and Python. Built REST APIs with Django REST Framework. Designed database schemas with PostgreSQL, as well as NoSQL database Elasticsearch.

Gavilan Community College

Laboratory Coordinator / Academic Tutor

Gilroy, CA
August, 2016 - September, 2018

- Prepare Biological and Chemical Solutions. Tutor college students in Biology and Chemistry Workshops

RotaCare BayArea, Inc.

Spanish Interpreter

San Jose, CA
December, 2014 - December, 2016

- Spanish Interpreter between Spanish speaking patients and health care providers

PROJECTS

Android Mobile Game - 2018-2019

Unity, C#, Google AdMob
Adventure game for Android created with Unity 3D, published on the Google Play Store

Python Package: Bitcoin Sentiment Analysis - 2020

Python, Natural Language Programming
<https://pypi.org/project/btc-sentiment-analysis/>

Implementation of natural language processing tools to crawl and analyze bitcoin related news for market sentiment

Artificial Intelligence Agents for Data Analysis - 2023 - Present

Python, HuggingFace Transformers
Combining the power of Large Language Models (ChatGPT) with LangChain and Pinecone Vector Database in order to create more versatile tools for Data Analysts

SKILLS

Programming Languages:	Python, Javascript, C#, HTML / CSS / SCSS, SQL / NoSQL
Frameworks and Libraries:	Django / Django Rest Framework, Flask, React JS / Vue JS, LangChain
Software Development Tools:	Git / GitHub, Docker / Docker Compose, DockerHub, Linux / Ubuntu
Amazon Web Services (AWS):	IAM, EC2, S3, Lambda, API Gateway, Route 53, Amazon RDS

EDUCATION

San Diego State

BA Biology

San Diego, CA
August 2011 - May 2014