CLIFF HUANG

DATA SCIENTIST

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SUMMARY

A data scientist with hands-on experience in automation, machine learning, and natural language processing, combined with a strong background in education and curriculum development.

EXPERIENCE

Data Scientist & Automation Consultant
03/2023 - 12/2023

Axé Engineering
Albuquerque, NM (remote)

Architected data systems for government contractors
- Led the Automation Project using Microsoft's Graph API
- Designed Meeting Minutes Summary Generator using NLP
- Developed Sam.gov Scraper for market analysis
- Created an automated Capability Statement Generator

Process Engineer Intern
05/2022 - 09/2022

Qorvo
Dallas, TX

Enhanced semiconductor manufacturing processes through data-driven analysis
- Conducted qualitative analysis of chemical deposition processes.
- Implemented Python scripts for data extraction and transformation
- Analyzed and improved fault detection monitoring

Freelance Instructor
01/2016 - 01/2021

Personal clients
Multiple locations

Taught Python, machine learning and a variety of subjects
- Taught SAT classes up to 40 students in size, with an average increase of 200 points
- Developed and adapted curriculum for individual student needs

Central Operations Specialist
01/2014 - 01/2016

Royal Business Bank
Los Angeles, CA

Provided daily operations support to branches and lending departments as needed, as well as reports for regular board meetings and audits

EDUCATION

Master's Degree
01/2021 - 06/2023

Syracuse University
Remote

- Built a knowledge base generator which leverages GPT and Pinecone API to perform retrieval enhanced generated question-answering
- Created predictive AI models using neural networks on large datasets

GPA | **3.9** / 4.0

Double Major
09/2008 - 04/2013

University of Pittsburgh
Pittsburgh, PA

- Spanish & Finance

SKILLS

- ✔ Software Development
- ✔ Machine Learning & NLP
- ✔ API Development
- ✔ Collaboration, Teamwork & Communication
- ✔ Ad Hoc Analysis
- ✔ Statistical Modeling
- ✔ Financial Analysis
- ✔ Data Visualization
- ✔ Data Manipulation, Integration & Analysis
- ✔ Python, SQL & R
- ✔ Cloud Management

HOBBIES

- ☆ capoeira
- 📖 reading
- 🌐 traveling/backpacking
- 🎮 strategy games