Taro Iyadomi Los Angeles, California, United States

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DATA SCIENTIST

Galvanized data scientist. Experienced in multiple statistical data analysis and machine learning methods, I utilize my strong background in **statistics, mathematics, and computer science** to transform raw data into amazing insights.

TECHNICAL SKILLS

Skills	:	Supervised learning (XGBoost, decision trees, kNN, SVMs, logistic regression, etc.), unsupervised learning (K-means/hierarchical clustering), deep learning (PyTorch/Tensorflow), data analysis (pandas, matplotlib, plotly, tidyverse)
Additional Skills	:	NLP (LangChain, transformers, LLMs), CV (object detection, image classification, depth detection), Backend Development (Django/Flask)
Technologies	:	Python, R, SQL, Docker, DVC, Vector Databases (Pinecone/Chroma), HTML/CSS, JavaScript (Svelte)

EXPERIENCE (RECOMMENDATIONS)

Data Science Product Manager (External Client) — Sep 2023 – Present
AI Camp — *Remote – Los Angeles*

- **10x'd** client efficiency by orchestrating the development of an **autonomous data processing pipeline**, resulting in a **30%** reduction in operational costs.
- Enhanced data analysis through the application of **PCA and decision forests algorithms**, leading to the identification of crucial variables for more precise insights.
- Developed an interactive analytics dashboard using **Django** and **Svelte**, enabling users to visualize dynamic month-to-month changes and conduct in-depth variable comparisons through interactive graphs.

Data Science Intern — Jul 2023 – Sep 2023
AI Camp — *Remote – Los Angeles*

- Led **three** teams through the computer vision MLOps cycle, including data collection with **SerpAPI**, training **CNN and ViT models**, and deploying web apps with **Flask**.
- Cut hallucination rates by **50%** in a GPT-powered Q/A application by leveraging **retrieval augmented generation (RAG)** with **LangChain**.
- Utilized multiple tools such as **vector databases (Chroma), calculators, Wikipedia, etc.** to drastically increase the capabilities of LLMs.

Machine Learning Engineer — Jun 2023 – Sep 2023
Truth Systems — *Hybrid – Los Angeles*

- Improved pipeline performance by **3x** by integrating **CUDA** parallel GPU processing and unifying embeddings between pipeline components.
- **Recreated and fine-tuned** SOTA fact verification models from scratch using **PyTorch**.
- Built a multi-source evidence retrieval system with **Pinecone** optimized with **multi-threading**, integrating it into a claim verification pipeline.

EDUCATION

University of California, Los Angeles (UCLA) — Los Angeles, CA
Bachelor of Science in Data Theory — *Sep 2020 – Jun 2024*
GPA: 3.8/4
2x ASA DataFest Competitor (**Top 15 Finish**), Varsity Valorant, Wrestling, Vaccine Distribution Volunteer

Projects:

- Predicting Car Accident Severity (R, kNN, XGBoost, Random Forests, Imputation, ggplot2, dplyr)
- Curriculum Recommendations System (Python, Tensorflow, Pandas, Matplotlib)
- Predicting Student Performance (R, Stepwise Feature Selection, Linear Regression, ANOVA)