Townsend Saunders III

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Experience

Co-Founder Sep 2023 - Present
Adomly, Corvallis, OR
- Co-founded a female-focused fitness startup with Team USA 2024 Olympic team member Dominique Parrish.
- Embraced the challenge of starting a business in a non-technical industry.
- Leveraged AI for product images, enabling cost-effective smoke testing via Google and Meta ads.
- Managed marketing, design, prototyping, negotiations, and scaled manufacturing operations.

AI Mathematics Trainer Sep 2023 - Present
Outlier.AI, Remote
- Assisted AI research companies in training their next generations of Math, Stats, and CS models.

Machine Learning Engineer Aug 2022 – Sep 2023
Reliance Inc., Remote
- Built and deployed 500+ NLP models to cloud pipelines via Amazon Sagemaker.
- Labeled 6+ million products allowing for inventory sharing between sister companies.
- Led Agile workflows across multiple internal team and 3rd party contractors from concept to production.

Data Scientist May 2021 – Aug 2022
Reliance Inc., Remote
- Deployed 20+ TensorFlow Neural Network anomaly detection models to the cloud via AWS Sagemaker.
- Served as the primary technical liaison and translated dense technical concepts to non-technical audiences.

Business Systems Analyst Feb 2020 – May 2021
Reliance Inc., Orange County CA
- Launched 1000+ time-series forecasting models to the cloud via AWS Fargate, ECS, and Lambda.
- Bridged the technical gap between Corporate Finance and Data Science.

Education

University of California, Berkeley 2015 - 2019
Bachelor of Science in Engineering Mathematics and Statistics
- Berkeley Undergraduate Scholarship Recipient: Granted to **"students who demonstrate outstanding intellectual abilities and potential."**

Relevant Coursework
- **ML+ Stats:** Artificial Intelligence, Machine Learning, Game Theory, Probability, Statistics
- **Math:** Multivariate Calculus, Linear Algebra & Differential Equations, Real Analysis, Abstract Algebra, Abstract Linear Algebra, Numerical Analysis, Complex Analysis
- **CS:** Structure and Interpretation of Computer Programs, Data Structures & Algorithms, Computer Architecture & Machine Structures, Software Engineering, Database Systems, Discrete Math and Probability

Skills

Languages
- English Native**,** Spanish conversational

Programming Languages
- Python, Java, SQL, C, C++, Ruby, Julia, JavaScript, R, Django, Flask, React

Software
- PyTorch, TensorFlow, Scikit-Learn, Pandas, PySpark, Hugging Face, Polars, Deep Learning, NLTK, OpenCV
- AWS, Azure, Databricks, Jupyter, Streamlit, GitHub, Docker, Snowflake, Kubernetes, CI/CD, CUDA, Tableau
- Open AI, ChatGPT, GPT-4o, LLM, RAG, Airflow, ECS, statsmodels, Apple MLX, Microsoft Power BI