

Townsend Saunders III

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Experience

Co-Founder Sep 2023 - Present

Adomly

- Enlisted AI for product images allowing for near 0 cost smoke testing via Google and Meta ads.
- Developed Adomly's online retail web app for 2024 Olympic team member Dominique Parrish.
- Oversaw marketing, design, prototyping, and manufacturing with an emphasis on manufacturing at scale.

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 AWS 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.
- Prevented multiple breakdowns saving \$100,000+ in equipment downtime.

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.
- Scraped and stored 10M+ data points from the web via S3, Lambda, and Snowflake.

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.*"
- Coursework: Artificial Intelligence, Machine Learning, Game Theory, Probability, Statistics, Multivariate Calculus, Differential Equations, Real Analysis, Abstract Linear Algebra, Numerical Analysis, Complex Analysis, Data Structures & Algorithms, Computer Architecture & Machine Structures, Software Engineering, Database Systems

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, SageMaker, Hugging Face, Polars, CI/CD
- AWS, Azure, Databricks, Jupyter, Streamlit, GitHub, Docker, Snowflake, Kubernetes, Deep Learning, CUDA
- Open AI, ChatGPT, GPT-4, GPT-4o, LLM, RAG, NLP, Airflow, ECS, NLTK, OpenCV, statsmodels

Website | LinkedIn | ChatBot

<https://townsend-saunders3.github.io> | <https://linkedin.com/in/townsendsaunders3> | <https://townly.streamlit.app>