West Hollywood, United States   •   jackson.shinpaugh@gmail.com

Jackson Shinpaugh
Data Labeling Analyst

✳ ✳ ✳

SKILLS

- Python (Pandas, NumPy, MatPlotLib, SciKitLearn, Streamlit)
- SQL (PostgreSQL, MySQL, NoSQL, MongoDB, Azure Cosmos DB)
- Dashboarding (Tableau, Microsoft Power BI)
- Excel (Pivot Tables, VLOOKUP, Conditional Formatting)
- Cloud Services (AWS, Azure, GCP)
- Mathematics (Linear Algebra, Statistics, Calculus)

EMPLOYMENT HISTORY

Data Labeling Analyst
Meta, Los Angeles, CA — *Sep, 2023*

- Fine tune various LLM models to ensure quality and performance.
- Use natural language strategies to expose risk factors in LLM models, and labelled responses appropriately.
- Develop and implement quality control processes for data labeling tasks to ensure accuracy and consistency.

Data Analyst/Data Scientist
Sean Backstrom, Los Angeles — *May, 2020 - May, 2023*

- Led internal, outsourced, and volunteer initiatives to collect over 12,000 video clips and 500,000 data annotations for the datasets used to train models.
- Implemented deep learning models such as object detection, action recognition, audio classification, and speech recognition to aid in video analysis for human rights investigations.
- Programmed system to generate evaluation metrics such as precision, recall, and mAP to assess model performance.
- Designed and programmed system that utilizes a blockchain-based data network to live-monitor over 40 channels on video-streaming platforms.
- Utilized speech-to-text model to transcribe videos and paired with nlp-pipline to create topic model visualizations and identify useful trends in video content.
- Deployed on Azure Batch Service and processed over 33,000 individual videos containing a total of ~16,000 hours of video footage.

Production Specialist
Express Services Inc (Roofmaster), Los Angeles, CA

- Produced and managed inventory of non-flat tires used for roofing equipment. Organized inventory using a fork-lift.
- Processed raw materials using several tools such as table-saws, lathes, drill press.

Inventory Manager
Isla Carmen LLC, Vancouver, WA — *Apr, 2017 - Apr, 2020*

- Managed inventory, manufacturing, and distribution of custom floor vent registers across the United States.
- Programmed and fine-tuned Kawasaki welding robotic arm to automate production of best selling products, increasing production capacity 80%.
- Facilitated communication with independent contractors to manufacture additional registers to meet demand the robot could not fill.

PERSONAL PROJECTS

Volunteer at Task Force Butler

- Developed chrome-extension that scrapes and parses the raw html from a web page to pull out body text, links, images, etc. and stores data in database with one click.
- Utilized a custom Named Entity Recognition pipeline to pull important names, locations and dates from a given web page to make meaningful connections between entries in the database.
- Designed and implemented NoSQL database schema to store all back end data.
- Developed front end UI to allow researchers to intuitively interact with data as well as create profiles of individuals and groups they are researching.
- Decreased time required for researchers to find relevant material by 75%.

LLM chat-bot assistant

- Utilized OpenAI API to program chat bot to converse with user upon detection of user speech.
- Integrated payment system that accepts subscription payments and stores customer information and credit balance in a database.
- Curated custom ChatGPT prompts to characterize bots.
- Deployed to multiple platforms including Discord and Twitch.

EDUCATION

Bachelors degree in Finance
Washington State University — *Sep, 2020*

- Graduated cum laude with 3.5 GPA
- Relevant coursework: Linear Algebra, Calculus, Statistics, Accounting, Investment Analysis, Management Information Systems, Financial Modeling, Intl. Finance

---

LINKS

Github   LinkedIn