ADI SRIKANTH

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Education

- Master of Science (M.S.) in Data Science, New York University (May 2023)
- Bachelor of Arts (B.A.) in Statistics and Computer Science, University of Virginia

Skills

- Software: Python, PyTorch, Spark, Tensorflow, SQL, Cloud, Git, GPU Development, Tableau
- Data: Machine Learning, Deep Learning, Causal Inference, AI Ethics, Data Visualization
- Business: Public Speaking, Client-Facing Experience, Management Experience (team of 20)
- Project: Validating BERT Text Embeddings using Neural Network classifier (PyTorch)
- Project: Recommending Chess Opening Strategy using a Recommender System (PyTorch)

Work Experience

Data Scientist, Nike, inc. (Jun 2022 – Current)

- Recommended marketing campaigns to optimize user engagement by running causal inference on observed data; recommendations projected to reduce total churn by 2%, unlocking $8M+ in annual recurring revenue with potential for additional expansion
- Identified user preferences within one day of user registration (previously 10 days) by remaking metrics robust to sparsity; projected to add $26M in annual revenue through additional conversions
- Ensured privacy compliance throughout data pipeline for user preference metrics (above) by identifying root data sources for 50+ data features, enabling formal A/B testing for metrics

Course Instructor, The Coding School and Amazon MLU (Sep 2022 – Current)

- Taught applied lab for Deep Learning and Natural Language Processing bootcamp course using Amazon SageMaker, PyTorch, and Fast AI; also led lab sections for Intro to Machine Learning

Applied Science Graduate Intern, Zillow Group (Sep 2022 – Dec 2022)

- Added image handling capability to knowledge graph using CLIP Embeddings and GraphSAGE; showed improvement by bettering accuracy on link prediction task using the graph (code here)
- Refactored code, enabling graph to ingest more data formats at scale using PyTorch Lightning

Data Science Researcher, U.Va Sports Analytics and Statistics Lab (Jan 2021 – May 2021)

- Prototyped novel method of quantifying spacing in modern NBA using convex hull geometry to understand and define space; developed reusable data pipeline to ingest NBA game data

Data Science Analyst, True Fit Corporation (Jan 2021 – Jul 2021)

- Led Algorithmic Bias Team, which identified and corrected bias against plus-size users by editing model to improve plus-sized clothing classification through the relabeling of weakly labeled items
- Added over 10,000 new pieces of clothing to company database by implementing hyperparameter tuning on Convolutional Neural Network designed to classify images of clothes

Data Analyst, CapTech Ventures (Aug 2019 – Jan 2021)

- Enabled business partners to access client data by developing APIs that merged data from existing storage and Azure CosmosDB while meeting sub-second latency requirements
- Successfully pitched (and sold) new feature by implementing a proof of concept Siamese Neural Network to match stored images to new images ingested via streaming pipeline