San Jose, CA 95116

SREEKAR MOLAKALAPALLI

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SKILLS

- Python, R, SQL, MATLAB
- pandas, pyspark, regex, pytorch, tensorflow,
- Tableau, IBM Watson, Rasa
- Regression/Classification, Neural Networks, Feature Engineering, Clustering
- Hypothesis testing, Experimental Design, A/B Testing
- English (Native), Japanese (Proficient)

EMPLOYMENT

Data Quality Analyst   **Apple**   **March 2023 - September 2023**

- Supported the development of large-scale health data infrastructure through maintenance and debugging of ETL pipelines using Apache Airflow
- Worked on data curation of biometric watch data to support user health studies. Closely collaborated with data scientists and machine learning engineers to ensure data quality.

Data Analyst   **The Climate Corporation**   **March 2021 - August 2022**

- Developed and expanded a multi-region scalable pipeline written in Python to correct custom seed product names
- Analyzed dozens of naming conventions from different corn and soy brands using PySpark to develop versatile regex patterns that account for customer typos
- Collaborated with data modeling and engineering teams to unlock more useable seed data

Jr. Data Scientist   **Aham Technologies Inc.**   **Jul 2020 - March 2021**

- Developed and implemented a chatbot for the company website using IBM Watson's AI-powered assistant with integrated API support which decreased the time required to find and sign up for courses
- Worked on building an OpenCV-based model written in Python that uses classroom footage to help teachers gauge student engagement during lectures

EDUCATION

University of California, Santa Cruz   **Sept 2023 - Present**

- MS in Natural Language Processing
- Graduate Coursework: Data Science and Machine Learning Fundamentals, Deep Learning for NLP

Springboard   **July 2019 - July 2020**

- Data Science Career Track with an emphasis in NLP
- Coursework: Python for Data Science, Inferential Statistics (Linear & Logistic Regression, Naive Bayes, A/B testing), Relational Databases (SQL), Machine Learning (Supervised & Unsupervised Learning, Neural Networks, Time Series Analysis, Recommender Systems, NLP)
- Projects: Twitter Sentiment Analysis on Music Festivals, World Championship Match Outcome Prediction in League of Legends

Santa Barbara, CA   **University of California, Santa Barbara**   **Sep 2013 - June 2018**

- BA in Physics with Minor in Japanese from the College of Creative of Studies
- Undergraduate Coursework: Quantum Mechanics, Biophysics, Analog Electronics, Thermodynamics, Probability and Statistics, Linear Algebra, Electromagnetism, Newtonian Mechanics, CS for Physicists