SRIRANJAN SRINIVAS, SRIBHASHYAM

424-440-4692 / ranjan.srinivas.2020@anderson.ucla.edu

Website*:* rkaahean.github.io **|** LinkedIn: www.linkedin.com/in/ranjansrinivas/ | GitHub: https://github.com/rkaahean
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EDUCATION

UCLA ANDERSON SCHOOL OF MANAGEMENT   **Los Angeles, CA**
Master of Science in Business Analytics (MSBA)   *Expected December 2020*
- AB Testing, Quantitative Marketing Analytics, Revenue planning & Optimization, Date Warehousing & Reporting.

COLLEGE OF ENGINEERING GUINDY   **Chennai, India**
Bachelor of Engineering in Computer Science   *May 2019*
- Database Management, Big Data Analytics, Natural Language Processing, Data Structures & Algorithms

TECHNICAL SKILLS

Languages: Python, SQL, R, C, HTML, CSS, Java, C++
Databases: Snowflake, Aurora, MySQL, MemSQL
Production & Deployment: AWS Solutions Architect, Spark, Apache Airflow, dbt
Data Science & ML: Causal Inference, Deep Learning, Predictive Modelling

PROFESSIONAL EXPERIENCE

DATA SLEEK   **Los Angeles, 2020**
Data Engineer   *May 2020 - Present*
- Worked with 5+ clients to understand and translate business requirements into technical specifications
- Built SQL stored procedures that perform analytical queries to detect and alert customer for changes in desired metrics, saving nearly 20% of the base cost.
- Ran benchmark test for several MemSQL configurations to determine optimal configuration for Time Series data, improving performance by nearly 400%.
- Modelled fact & dimensions for advertising department to help in attribution and improve efficiency using dbt & Snowflake

SAMSUNG RESEARCH   **Bengaluru, India**
Software(Data) Engineer Intern   *Summer 2018*
- Set up Open Network Automation Platform on local server on top of Openstack, using docker containers, laying the foundation for dynamically scalable ML applications based on resource requirements.
- Upgraded the ETL pipeline by deploying Apache Kafka for streaming data to the microservice.
- Converted existing network services into microservices using Java, transitioning products into a more service-oriented platform, preparing them for 5G in the process.

DATA PROJECTS

Los Angeles Fire Data Analysis   **Feature Engineering, Data Modeling, Visualization**
- Conducted an exploratory data analysis of fires in Los Angeles with ~ 5M rows raw data from data.lacity.org.
- Statistically plotted Top 3 underutilized and overutilized fire departments with suggested changes.

Soccer Player & Team Performance Analysis   **Data Scraping & Cleaning, Visualization**
- Analyzed and visualized players based on attacking, passing and defensive traits exported from Wyscout, using Python to compare strengths and weaknesses of players and rank them accordingly.
- Scraped injury history of teams from transfermarkt using Python and converted into structured databases. Predicted which month led to most injuries, average recovery time, and visualized said statistics.

Weather ETL   **ETL Pipelines, Scheduling**
- Created a script that would fetch weather data for cities using REST API. Created an CRON job with docker container to implement a daily schedule, storing the data in S3 after processing.

Fact & Dimensional Modelling   **SQL, Dimensional Modeling**
- Simplified analytical reporting for a startup by designing and generating fact and dimensions in a MySQL database.

ADDITIONAL

- AWS Solutions Architect Certified
- Data Science volunteer at MutualAid
- Level 1 PFSA Opposition Analyst