A D I   S R I K A N T H

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EDUCATION

- New York University, MS in Data Science (May 2023)
  - Courses: Intro to Data Science, Probability and Statistics, Optimization & Computational Linear Algebra
- University of Virginia, BA with Honors in Statistics and Computer Science (May 2019)
  - Courses: Cloud Computing, Applied Analytics, Algorithms, Data Structures, Regression Analysis, HCI

SKILLS & PROJECTS

- Software: Python, R, SQL, Experience with Cloud (Google, AWS, Azure), Apache Spark, Git
- Data Science: Supervised & Unsupervised Machine Learning Methods, Feature Engineering, Algorithmic Bias
- Business: Client-Facing (C-Suite) Experience, Management Experience (team of 20+), Public Speaking
- [Improving a Pitcher's Whiff Rate](#) using a Random Forest Regressor and Feature Replacement Simulation
- [Analyzing iMessage Text Data](#) from Chat DB using Graphical Networks and Pandas

WORK EXPERIENCE

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

- Led Algorithmic Bias Team and sparked the development of a new model that improved classification accuracy of plus-sized clothing items after team's findings uncovered statistical bias against plus-sized users
- Added 10000+ pieces of clothing to company database by deploying a Neural Network to classify clothing images by style and applying appropriate image preprocessing to extract and store clothing information
- Identified key brands that showed a strong propensity to drive additional sales by converting data from multiple tables into an undirected graph to represent connections between brands and sales and rank influential brands
- Grew training dataset by 15% by rebuilding data labels, improving model's ability to distinguish image color

Data Science Researcher, University of Virginia Sports Analytics and Statistics Lab   **Jan 2021 – May 2021**

- Prototyped novel methods of quantifying spatial movement in the NBA to test proposed ideas using Convex Hull Theory; Developed flexible code in Python to apply methods to various NBA game datasets

Advanced Analytics Consultant, CapTech Consulting   **Aug 2019 – Jan 2021**

- Automated validation of streaming data quality and reduced process time from 30+ to 2 hours using Advanced SQL and Python; Automation also drove additional testing that later exposed downstream weaknesses
- Enabled third parties to access client data by developing APIs that merged data from SQL Databases and Azure CosmosDB while meeting sub-second latency standards; APIs ended the need for formal data requests
- Led CapTech Intern Program: managed internal team of 20 and intern class of 12; adapted program to be fully virtual due to COVID and earned the #1 Consulting Internship rank from Vault (+13 spots from prior year)

Researcher, University of Virginia Center for Politics (Larry Sabato's Crystal Ball)   **Dec 2016 – May 2017**

- Interpreted survey data from national pollsters, identifying trends and variable correlations while accounting for sampling error, question bias, and relevant political factors

AWARDS & DISTINCTIONS

- Echols Scholar, University of Virginia: Awarded to top 5% of each class on the basis of academic achievement
- Best New Consultant, CapTech Ventures: Awarded to highest performing incoming Consultant in DC office
- 93rd Percentile Chess Player, amongst all online players (personal best ELO of 2116)