

JASHAN KALRA

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Professional Summary

Skills

- Python
- Java (Object Oriented Programming)
- R
- SQL
- Tableau
- STATA
- Jira/Aha!
- ML/DS Libraries (Pytorch, NumPy, Matplotlib, Sci-Kit Learn, Tensorflow, Keras, Pandas, PsychoPy)
- Power BI
- HTML/CSS/PHP
- JavaScript

Education

Information Science Engineering (Data Science) - Bachelors of Engineering - 2023

Cornell University - Ithaca, NY

Work History

Data Science Intern - December, 2021 to January, 2022

SendFriend - New York

- Assisted the CTO with drafting the company's technical research paper proposal on algorithmic hedging for cross-border payments for a Polish grant.
- Assisted with overhauling and debugging the company's new website.
- Validated and cleansed incoming data to check information accuracy in Python using NumPy, Pandas, and TensorFlow, while independently locating and correcting data quality concerns.

Summer Technology Intern - June, 2021 to August, 2021

Lithium Finance - Remote

- Sourced and cleaned \$LITH token data in R using sml, tidyr, dplyr, and tidyverse, and analyzed the data in Python using Pandas, Matplotlib, PyTorch and Sci-kit Learn, to optimize token allocation in the lead up to the company's IDO launch.
- Served as a liaison between the software development and marketing teams as part of the product team to explore and effectuate new product offerings.
- Forecasted sales and token value time series data using the Exponential Smoothing and ARIMA Machine Learning models in Python and adjusted model learning process to time series change points caused by fluctuations in the company's IDO launch plans with ~ 95% accuracy.
- Assisted the Co-Founder with partnership sourcing and optimizing outreach pipelines.

Strategy and Operations Intern - January, 2021 to May, 2021

SendFriend - New York

- Worked with the CEO on forging strategic partnerships with Blockchain platforms such as Celo and Stellar.
- Assisted the Head of BD with formulating the company's two year business strategy plan for its B2B pivot.
- Assisted the expansions team with materializing B2B partnerships with financial institutions such as Evolve Bank and Trust for the company's B2B arm.
- Utilized SQL to analyze SendFriend's financial data, and created interactive financial analytics and projections in Tableau for the company's application for an Italian grant.

Strategy Intern - January, 2020 to May, 2020

Numio

- Worked closely with the Head of Business Development investor outreach and deal sourcing.
- Worked independently on a technical research paper on the 'Evolution of Money and FinTech' for the company's Medium handle.
- Performed in depth industry research and product analysis.

Technology Analyst Intern - June, 2019 to August, 2019

Liquidity Digital - New York, NY

- Performed rigorous data analysis of SEC Forms for various broker-dealers in Python using BeautifulSoup, Pandas and NumPy modules, and subsequently presented the findings as concise financial data.
- Tracked, managed and generated insights on upcoming product offerings via Jira and Power BI, and conducted thorough bug testing of the deal execution platform for the Product Team.
- Researched broker-dealers, SEC/FINRA compliance (Regulation D, Form X-17a-5) and registered investment advisers in the financial services market.

Additional Information

Relevant Coursework:

- Practical Tools for Operations Research, Machine Learning and Data Science
- Statistical Data Mining and Machine Learning
- Econometrics
- Intermediate Design and Programming for the Web
- Machine Learning
- Object-Oriented Programming and Data Structures