

Vignesh Sridhar

Data Scientist

Contact

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Skills

Statistical analysis



Machine learning: k-means clustering, linear regression, logistic regression



Data collection and analysis



Creative problem solving



Organizational Skills



Knowledge in financial products



Enthusiastic student with an eagerness to learn, seeking a data science internship opportunity.

Having proficiency in finance and banking with 5 years of work history. Eager to contribute to team success through attention to detail and excellent organizational skills. Adaptable and driven with strong work ethic. Motivated to learn grow and excel in the field of data science.

Work History

2016-07 -
2019-06

Associate Compliance officer

Goldman Sachs, Bangalore, Karnataka

- Worked for Securities Division Compliance, investigated fraudulent trading activity in Equities and FiCC (Fixed Income, Currency and Commodities) Trading business of the firm.
- Monitored 150 different trades per day of various financial products such as Interest Rate Swaps, Commodities and other FiCC products.
- Achieved an escalation rate of 40% (in identifying potential fraudulent trades at 90% accuracy)
- Assisted in building surveillance models, notably the ICE swap rate surveillance. Using statistical analysis to determine fraudulent trades which could affect the ICE swap rate.
- Regular review of the firms trading policies.
- Recommended methods to address improvement opportunities such as building simple macro-based tasks that automatize manual effort, saving about 30-40% of a reviewer's investigation time.
- Offered data-driven recommendations aligned with overall team's strategies and prioritized process improvement initiatives.

2014-07 -
2016-06

Analyst

HSBC, Bangalore, Karnataka

Worked in the Electronic communications - Regulatory surveillance team, wherein the purpose was to review various e-communication data in order to detect potential market abuse; breach of conduct of business policies; or, breach of information boundaries. Thus, ensuring compliance to regulatory and group policies.

- Reviewed 300-400 e-communications in a day (ranging from emails to Bloomberg chat rooms).
- Filed 8 Suspicious Activity Reports (SAR) which lead to further actions by management.
- Built VBA based modules to create time saving

Microsoft Excel



Software

Tableau



R



Python



SQL



VBA



applications to training programs.

- Performed yearly reviews of bank policies and procedures to evaluate compliance with regulatory requirements and standards.

Intern

2011-04 -
2011-05

Bader Al-Mulla Exchange Co. Kuwait-Western Union, Kuwait City, Kuwait

- Interned with the nation's largest money exchange firm.
- Underwent 100+ hours of training in certain departments in the company's back-office.
- Worked in the treasury department for 50% of the time, to understand the role of maintaining adequate financial liquidity in order to serve customers.
- Spent significant time in the Customer Relations department, attended 10-15 customer calls and cold called potential clients.
- Provided administrative support such as filing documents, copying paperwork and reviewing accuracy of certain documents to the accounts payable department.

Education

2019-09 -
Current

Graduate Certificate: Data Science and Analytics

St. Clair College - Windsor, Ontario, Canada
Current GPA: 3.56

2012-06 -
2014-04

MBA: Finance

Sri Sathya Sai Institute of Higher Learning - Anantapur, Andhra Pradesh, India

- Graduated with 6.6 GPA

2009-06 -
2012-04

B.A Economics (Hons.): Economics

Sri Sathya Sai Institute of Higher Learning - Anantapur, Andhra Pradesh, India

- Graduated with 4.26 out of 5 GPA

Accomplishments

- Published a paper on 'The Investment Behaviour Of India's Corporate Sector Under The New Economic Policy Regime'. In the Gavesana Journal of Management. (Sridhar, Vignesh and G.Raju, Raghavendra. 2014)
- HSBC 'Rising Star' award (2015); and HSBC India - Employee of the Quarter (Q4,2015)

- **University project** - Part of the team that analysed and implemented a Total Quality Program initiative in a general Hospital. Studied and improved out-patient department from a time and motion study perspective, to detect and remove bottlenecks in the patient flow also. Innovative recommendations such as a colour coded system for department identification.
- Led the university basketball team to the championship (2012)