SANJIV SHRESTHA

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EDUCATION

Springboard, San Francisco, CA
Data Science Bootcamp 2020

Wharton Business School via Coursera
Online non-credit coursework in Business and Financial modelling 2018

Stanford University, Palo Alto, CA
Graduate coursework in Decision Sciences, Entrepreneurship and Finance 2010

Washington University in St. Louis, St. Louis, MO
MS Finance (Quantitative and Corporate) 2012

SUMMARY

Business Data Scientist with data science boot camp experience as well as experience with dashboard building at commercial bank and customer analytics at remittance firm. Prior experience implementing enterprise grade trading and risk management platforms at investment banks/asset management firms and evangelizing/implementing chip design and verification platforms at technology firms. Strong problem scoping, problem solving, solution delivery, project leadership and project management skills

Recent skills in python libraries relevant to data science/analysis, SQL and Temenos BI platform

SKILLS

STATISTICAL METHODS AND MACHINE LEARNING:: Classification, Regression, Clustering, Hypothesis testing
DATA ANALYSIS, VISUALIZATION AND PREDICTIVE MODELLING :: Pandas, Numpy, Scikit-Learn, Statsmodels, Matplotlib, SQL, Excel, Dashboards using Temenos BI platform

EMPLOYMENT

INDEPENDENT   Kathmandu, Nepal
Consultant   2019 to 2019
- Lead a team of four to build business monitor dashboards for a retail bank in Nepal using Temenos BI (Business Intelligence) platform. Get dashboard requirements from different departments (Loan, Deposit, Finance, Operations, Branch management) and implement those requirements as per client needs. Involved use of ETL (extract, transform, load) to map operational databases into analytical databases (data warehouses) that could be leveraged for building dashboards.
- Do customer segmentation for a remittance firm in Nepal using python libraries (pandas, numpy, scikit-learn). Get business requirements from product team, manage an intern as well as collaborate with other data scientists.

Consultant   Oakland, CA
                                                                                                2016 to 2018
- Provide implementation services for trading and risk management platforms for banks in the U.S

CALYPSO TECHNOLOGY   San Francisco, CA
Business Quantitative Consultant   2013 to 2015
- Provide scoping, demonstration and implementation services for enterprise grade trading and risk management platform for investment banks/asset management institutions in the U.S, Canada, Germany and Chile
- Manage a team of four to perform field testing for a P/L (profit and loss) module of the platform before roll-out to enterprise clients
- Train distributors and resellers on the platform

SYNOPSYS   Mountain View, CA
Sr. Corporate Applications Engineer   2008 to 2010
- Provide post-sales and implementation services for chip design and verification platforms for technology firms in the U.S
- Develop high level tests as well as unit level tests for specific software modules

INDEPENDENT   Sunnyvale, CA
Consultant   2007 to 2008
- Provide product testing and post-sales services for various chip design software firms in the U.S

KILOPASS (ACQUIRED BY SYNOPSYS)   Santa Clara, CA
Sr. Sales Applications Engineer   2005 to 2006
- Provide presales support and technical marketing services for semiconductor memory IP for technology firms in the U.S and Asia Pacific
- Provide product definition, product documentation as well as distributor/reseller training services

PROJECTS

CLASSIFICATION OF RETAIL BANK CLIENTS MOST LIKELY TO SUBSCRIBE TO OFFER OF TERM DEPOSIT

CUSTOMER SEGMENTATION OF REMITTANCE FIRM CLIENTS USING RFM (RECENCY, FREQUENCY, MAGNITUDE) FRAMEWORK

DASHBOARD BUILDING FOR DIFFERENT DEPARTMENTS OF RETAIL BANK