

Contact

www.linkedin.com/in/trungnguyenquang (LinkedIn)

Top Skills

Data Mining
SQL
Management

Certifications

Introduction to Big Data
Structuring Machine Learning Projects
R Programming
Tableau 9 Advanced Training: Master Tableau for Data Science
Create Your Own App In Excel

Honors-Awards

Graduate International Scholarship
First Place in The Stock Market Competition Spring 2016
Third Place in The Stock Market Competition Fall 2015

Trung Nguyen

Lead Data Analyst - Data Scientist
Orange County, California Area

Summary

A well-rounded engineer with in-depth expertise in Machine Learning, Data Analytics, and Business Intelligence built on top of a solid Computer Science background.

- Experience in applying Machine Learning techniques including Supervised, Unsupervised Learning (Regression, Classification, Decision Tree, Random Forest, SVMs, Clustering, PCA, Neural Networks) using various statistical packages such as Python, JMP, SAS, Minitab, KNIME, Excel
- Skilled in performing data analysis, creating actionable dashboards and reports using Data Visualization & Business Intelligence tools such as Tableau, and MS SQL SSRS
- Hands-on expertise in Database, Data Warehouse design, and deployment, using SQL to extract data from multiple sources
- Solid understanding of NoSQL, Big Data & Big Data Analytics - Hadoop, Pig, HIVE, Neo4j, Splunk
- Know-hows in A/B Testing, Web Analytics using Google Analytics
- Knowledge of Project Management, Business Process, Financial Services, Risk Management

Experience

LOBEL FINANCIAL

3 years 7 months

Lead Data Analyst - Data Scientist
October 2018 - Present (1 year 6 months)
Orange County, California Area

- Build Machine Learning pipelines in Python, supporting predictive modeling tasks
- Develop Scorecard models used in an Automatic Decision System to estimate the likelihood of loan default, minimizing losses and optimizing profits

- Lead a team to perform ad-hoc and large-scale data analysis to translate raw data into actionable insights, supporting decision making for upper management
- Work closely with other departments in managing data, deploying models, and implementing business rules

Risk Data Analyst

September 2016 - October 2018 (2 years 2 months)

Orange County, California Area

- Performed data analysis, build reports and actionable dashboards using Tableau and Excel to present analysis results
- Wrote complex SQL queries on the fly to extract data for analysis projects
- Automated data processing and visualization to perform daily, weekly data audit, present market reports to branch managers
- Combined and validated data from different sources and made ready for usage in SQL database
- Designed, implemented, and maintained a fully-operated Business Intelligence platform for the whole department (MS SQL Data Warehouse, ETL process, Tableau Server and Desktop, MS SQL SSRS)

Saint Joseph's University

Wall Street Trading Room Lab Technician

May 2016 - July 2016 (3 months)

Haub School of Business, Philadelphia, PA

Part-time, on-campus job:

- Monitor the Wall Street Trading Room
- Support other students with any technical issues and access to the Oracle 12c DBMS
- Help other students install, debug, and use Cloudera Hadoop and apply Big Data Technologies

TMA Solutions

Senior Software QA Engineer

March 2007 - August 2015 (8 years 6 months)

Saigon, Vietnam - Ontario, Canada - Texas, USA

- Cross-functionally coordinated with technical and non-technical professionals from different countries in all phases of the Software Development Life Cycle following Waterfall and Agile Methodology
- Developed automation test scripts using Java and other in-house developed programming languages

- Played as a subject-matter expert (SME), developed project requirements, produced technical documents, and trained other team members and newcomers
- Built SQL databases for backend and front-end software testing of web, mobile and desktop applications

Education

Saint Joseph's University

Master's Degree, Business Intelligence & Analytics · (2015 - 2016)

Ho Chi Minh University of Technology

Bachelor's Degree, Computer Science · (2002 - 2007)

VNUHCM - University of Science

Professional Diploma, Computer Systems Networking and Telecommunications · (2005 - 2006)