

OUNING (NINA) HUANG

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EXPERIENCE

BOSTON SCIENTIFIC (BSC)

Marlborough, MA

Principal Analytics & Automation Consultant

Jan 2018 – Present

Strategy and Business Development

- Responsible for analytics business development via setting strategic directions, leading cross-functional interactions, designing proof of concepts, and managing implementations
- Scaled up Corporate Finance Automation Center of Excellence via defining capability expansion journey map, introducing new tools, implementing test automation, creating and governing coding standards, coaching, etc.

Data Engineering and Automation

- Managed a team of developers to automate data retrieval across various platforms (SAP, Oracle Hyperion, Vertex, web apps, etc.), and automate report generation for the global corporate finance team
- Eliminated manual data entry and improved data accuracy to 100% for stock compensation reporting system

Data Analytics and Visualization

- Identified top 5 key quality performance indicators for manufacturing drug-eluting stents via data exploratory analysis
- Reduced the prediction error of 30-day global revenue forecast by 4% via augmenting the existing excel-based forecast with a machine learning model that combines multiple regression and tree-based classifiers
- Developed interactive Tableau dashboards for executives to conduct scenario analyses on tax forecasts

IBM

Toronto, Canada

Managing Consultant – Cognitive Analytics & Digital Transformation

Dec 2016 – Jan 2018

- Managed an Omni-Channel program (\$16+ million portfolio) of ~120 people at a leading financial institution and oversaw all aspects of program operations, including business development, delivery excellence, and staffing
- Led the development of a corporate payment software by defining user stories, converting business needs into technical requirements, conducting functional tests, leading demos, and creating training materials

Senior Consultant – Strategy & Analytics

May 2015 – Dec 2016

- Oversaw end-to-end implementation of Watson Chatbot for customer support at a leading retail pharmacy chain
- Established a data governance team to support software migration at an insurance firm by creating data profiling procedures, designing data remediation roadmap, and setting up IT infrastructure

Consultant/Developer – Strategy & Analytics

Jul 2013 – May 2015

- Developed ETL flows (with DataStage and custom SQL script) to migrate data for a public health client
- Created business intelligence reports via hosting workshops, designing ETL flows, and reverse engineering existing code

REDKNEE SOLUTIONS

Toronto, Canada

Business Analyst

Jul 2011 – Jul 2012

- Improved revenue forecasting accuracy by 12 % via streamlining revenue recognition procedures
- Provided weekly revenue recognition reports and reduced report generation time by 9 days

EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY

Berkeley, CA

Candidate for Master of Information and Data Science

2021 – 2023 (expected)

- Part-time student, MIDS Scholarship recipient

UNIVERSITY OF TORONTO

Toronto, Canada

Bachelor of Applied Science in Engineering Mathematics, Statistics, Finance

2008 – 2013

- Selected courses: Probability and Statistics, Computer Algorithms and Data Structures, Mathematical Programming

ADDITIONAL

Company Awards: Global Excellence Award (BSC, 2020); Cause for Applause (BSC, 2020); Value Improvement Platinum Award (BSC, 2018); Eminence & Excellence Awards (IBM, 2014 – 2017); Manager's Choice (IBM, 2014)

Certifications: Machine Learning (Coursera), Certified ScrumMaster (Scrum Alliance), Data Mining/SPSS Modeller; Cognitive Delivery Foundation, Advanced RPA Professional (Automation Anywhere); Alteryx Designer Core

Software: Python, SQL, VBA, VBScript, Alteryx, Automation Anywhere, Tableau, SPSS, IBM InfoSphere

Others: BSC Global Analytics Summit Speaker, IBM Birds of Feathers Conference Panelist, top 4% Kaggle Competitor