Will (Wujun) Wang, MBA, M.Eng, Certified SAS, FRM, PMP

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PROFILE
- Over 14 years diverse work experience in Information Technology and Telecommunications industry
- Proficiency in C/C++, MS SQL programming with over four years in telecommunications industry
- Proficiency in SAS programming in BASE, STAT, SAS/ACCESS, Enterprise Guide and Enterprise Miner
- Proficiency in R programming with one year for statistical analysis and predictive modeling
- Solid knowledge in Financial Risk Management, Portfolio Management, Valuation and Modeling

PROFESSIONAL DEVELOPMENT
- Financial Risk Manager (FRM) certification
- Project Management Professional (PMP) certification

PROJECT EXPERIENCE
Customer Insight and Segmentation for RBC Insurance case using R/Rattle
- Explore and manipulate large data of WealthScapes, DemoStats, and CFM (Canadian Financial Monitor) datasets providing by Environics (total dataset: more than 2 millions records with over 3000 variables)
- Use K-means, Pam-k, HC, and Clues algorithms to segment customers based on WealthScapes, DemoStats, and CFM database at the DA (Dissemination Area) level on Ontario

Predictive Modeling for Charity Direct Mail case (KDD 97NK Campaign) using SAS Enterprise Miner
- Explore the data source, impute the missing value, handle extreme or unusual values, and transform the inputs
- Partition the original dataset into training, testing, and validation portion for model development
- Conduct the Decision Tree, Linear Regression, Logistic Regression, Polynomial Regression, Neural Network to predict the probability of future lapsing-donor responses
- Ensemble the different models and assess the performance of different models using ROC curve

WORK EXPERIENCE

Senior Risk Analyst   May 2016 – Present
Manulife Financials, Oakville, Ontario, Canada
- Developed the risk models for PD (Probability of Default), LGD (Loss Given Default), and EAD (Exposure At Default) for traditional mortgage, HELOC (Home Equity of Line of Credit), Investment Loan, and RSP Loan.
- Conducted the credit loss modeling for IFRS 9, including the credit risk rating, calibrating, and calculating the Expected Loss in one year and lifetime.

Project Manager   February 2013 – June 2014
Xinyida Micro Technologies Co. Ltd., Shenzhen, China
- Analyzed Integrated Circuit market, defined new sales project scope and goals, allocated sales tasks and controlled project budgets to achieve revenue and profits targets
- Monitored routine sales project activities and communicated with project leaders about resources allocation and timeline including milestones and critical steps to ensure projects were completed on time

Senior Business Analyst   May 2009 – January 2013
Huawei Technologies Ltd. Co., Moscow, Russia
- Programmed VBA to extract consumer's behavior data for telecom services from a variety of sources (ERP, Federal Statistics Bureau, external consulting firms), to transform different format data and to load into MS Excel
- Conduct regression and predictive statistical analysis using SPSS for the subscription of wireless data service in a variety of dimensions, such as age, gender, income, and occupation
- Analyzed client's financial statements and operational data; identified the risk of credit in order to monitor the credit exposures, prevent the bad accounts and speed up collection.

Network Solution Consultant   October 2005 – April 2009
Huawei Technologies Ltd. Co., Moscow, Russia
- Increased sales by nearly 15% by implementing quantitative Cost-Benefit Analysis for products to highlight cost advantages, and designed templates based on Excel for different products to improve efficiency of cost analysis

Software Engineer   December 2000 – September 2005
Huawei Technologies Ltd. Co., Shenzhen, China
- Developed software modules of signaling protocol and call control process using C/C++ and system control and user data using MS SQL, and implemented unit testing, integration testing, and troubleshooting

System administrator
Guangdong Nuclear Power Co., Shenzhen, China   May 1999 – November 2000
- Administered Sun Enterprise 4500 workstations (Solaris Unix Operating System) including the routine backup, configuration of system resources, and installation of application software

EDUCATION
- Master of Business Administration (MBA) at McMaster University
- Master/Bachelor of Engineering at Xi'an Jiaotong University, Major: Energy and Power Engineering