Fan(Olivia) Wu

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FW

OBJECTIVE

Seeking a challenging job.

WORK & ACADEMIC EXPERIENCE

Database Data Analyst, American TS Group, Corp.
Edison, NJ— 07/2013-Present

Responsible for collecting, manipulating, and managing current and historic housing market data, population statistics, mortgage rates based on Edison, NJ from web, local newspaper, and different relators to analyze housing market trend and deliver on-going information to help immigrates clients from China making decisions on house buying, renting, and loans.

Accomplishments
- Designed and built 5 transactional databases using MySQL for storing historical and current home sales, demographic information, population distribution by Age, Gender, Crime Index, Household Income, and Education statistics, and mortgage rates.
- Built customer database with Microsoft Access 2010 to manage and maintain customer relationship.
- Created dashboards to visualize market trend and present comparisons from previous period to current.
- Predicted price listings with regression analysis and other text mining methods.

SUPPLY CHAIN PLANNING

Supply Chain Analyst, Samsung Electronics America, Inc.
Ridgefield Park, NJ — 12/2012-07/2013

Responsible for deigning queries to extract POS data from data source to measure sales trends, weekly supply, forecasts at customer, material groups, and SKU levels for TVs, AVs, and Galaxy Tablets (B2B, B2C) and to created scorecards with KPIs for supply chain management and logistics control.

Accomplishments
- Created and developed inventory reports for Samsung e-Commence.
- Developed automatically dashboards for KPIs report for internal view.
- Discovered attached rates for all electronics hardware and compatible accessories.
- Conducted customer preference tests for Galaxy Tablet 10.1 accessories for production and inventory management.

FINANCIAL MANAGEMENT

Financial Data Analyst Intern, Samsung Electronics America, Inc.
Ridgefield Park, NJ — 12/2011-09/2012

Responsible for uploading, monitoring, and tracking internal financials through resource planning system to report accounts and financial statements of two divisions, US and Canada subsidiaries on monthly basis to finance VP.

Accomplishments
- Developed internal extra operation spending report to manage cost centers in SAP/ERP system for consumer and enterprise divisions.
- Conducted multivariate test to evaluate temporary employees work performance.
- Developed commission expense report for Printer product team at stock key unit level with Excel functions (Vlookup, if, Pivot tables, etc.)

MARKETING STRATEGY PLANNING

Marketing Analyst Intern, Samsung Electronics America, Inc.
Ridgefield Park, NJ — 09/2011-12/2011

Responsible for analyzing trends and patterns of market share, pricing, top selling models with competitors for Samsung consumer products to help senior management and product VPs and SVPs making marketing strategies and plans against the business objectives.

Accomplishments
- Developed market share analysis reports with VBA codes (Pivot tables, charts) for summarizing and visualizing product performance for 5 product groups.
- Forecasted new launched series of digital camera using statistical time series methods in SAS/ETS for 2011 last quarter and the entire year of 2012.
- Created and developed dashboards for competitive pricing analysis report with advanced excel functions and macros (buttons, charts, etc.)

Teaching Assistant for Data Analysis, RIT
Rochester, NY— 01/2010-05/2011

Responsible for getting students understand the concepts for probability, sampling distribution, simulation, basic statistics measures, inferences, regression analysis, ANOVA, and 3 design of experiment methods.

Graduate Teaching Assistant for Statistics Computing, RIT
Rochester, NY— 03/2011-05/2011

Responsible for helping graduate students understand the concepts for SAS system, syntaxes for data i/o, validation, manipulating, analyzing with descriptive statistics, predicting methods, and basic macros.

EDUCATION

Rochester Institute of Technology, Rochester, NY
Master of Science in Applied Statistics — 2009-2012
Wuhan Institute of Technology, Wuhan, China
B.S. in Electronics Engineering — 2005-2009

KEY QUALIFICATIONS

- Possess fundamental understanding in information system, finance, marketing, production and customer relationship management.
- Talented with the data management policies, procedures and widespread technical tools.
- Strong logical, assessment, interpretation and communication skills.

IT SKILLS

- Programming languages – VB, Python, Matlab
- Statistics programming languages – SAS 9.2, R, Minitab, SPSS
- Databases – SQL, MySQL, MS Access
- MS Office packages (Word, Excel, PowerPoint, Outlook, etc.)
- Operating Systems – Windows, Mac OS X, Google Chromium OS
- Web Analytical Tools – Google Analytics

CERTIFICATES

- SAS Statistical Business Analyst for SAS 9.0 (No.SBARM000888V9)
- SAS Advanced Programmer for SAS 9.0 (No.AP002456V9)
- SAS Based Programmer for SAS 9.0 (No.BP008985V9)