Shih-Tien Wang

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Enthusiastic Data Analyst, skilled in data analysis and data visualization. Seeking to use proven skills in statistics, machine learning and programming to meet business needs. Over two-year data analysis experience and complete 5+ academic projects and case competition.

EDUCATION

M.S., Business Analytics   December 2020
The University of Texas at Dallas   **GPA 3.758**
Scholarship: 2019-2020 Greater Taiwanese Chamber of Commerce Scholarship

B.S., Computer Science and Information Management   June 2014
Soochow University (SCU), Taipei, Taiwan

CERTIFICATIONS & TECHNICAL SKILLS

Certifications:	Elementary Enterprise Resource Planning Planner, Google Analytics Individual Qualification
Languages:	Python (numpy, pandas, matplotlib, scikit-learn, SciPy), R (ggplot2, dplyr), PySpark
	SAS (logistic, regression, survival analysis)
Databases:	SQL, Oracle, PostgreSQL
Visualization Tools:	MS Excel (Vlookup, PivotTable), Tableau, PowerBI, Google Analytics
Analysis Concepts:	Regression, Classification, Clustering, ANOVA, Hypothesis Testing, PCA, Gradient Boosting

BUSINESS EXPERIENCE

Kenda Rubber Industrial Co. LTD, Changhua, Taiwan   August 2015 - September 2017
ERP (Enterprise Resource Planning) Programmer & System Coordinator

- Converted the old Delphi system for motorcycle tires specification maintenance to modern TIPTOP platform which saved $1,000 for the company
- Remodeled the machine equipment maintenance program in the TIPTOP system which deducted 40% of the maintenance time
- Integrated the group's financial statements decreasing 30% of original data processing time for the accounting department
- Administered the Kenda Group's accounting information system team by managing working schedules enhancing 15% of users' satisfaction

ACADEMIC PROJECTS

Titanic: Machine Learning from Disaster, Kaggle   August 2019 - September 2019

- Utilized historical data to create a predicted model, forecasted members in a testing dataset whether alive or not
- Cleaned a dataset via Python (pandas, numpy) and created an estimated model by Python (sklearn)
- Examined the predicted model iteratively, reached 76% accuracy in the end

Pricing Cars For Sale on CraigsList, The University of Texas at Dallas   June 2019 - July 2019

- Established the car pricing forecast the model via SAS (PROC GLMSELECT stepwise), the R-square of the model achieved 66% accuracy
- Refined the dataset by SAS (PROC SQL, PROC UNIVARIATE, PROC FREQ), dealt with missing or invalid data
- Collaborated on a team of 5 to clean the dataset in order to maximize the predicted accuracy

LEADERSHIP EXPERIENCE

Taiwanese Student Association, The University of Texas at Dallas   March 2019 - Present
Event Coordinator

- Co-organized a welcome party exclusive for 80 Taiwanese students with The University of Texas at Dallas
- Planned and organized a panel discussion event for over 100 participants

Republic of China Army, Hualien County, Taiwan   August 2014 - July 2015
Budget & Finance Corporal

- Led a team of 20 soldiers to handle military affairs, e.g. firearm inventory verification
- Executed payroll and bonus processes for 100 soldiers
- Monitored the troop budget and merchandise procurement processes