# 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 one-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 3.75**
*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
Analysis Concepts:       Linear Regression, Statistics, Prescriptive Analytics, Time Series Analysis, Machine Learning, Relational Database, Applied Econometrics and Time Series Analysis, Business Data Warehousing
Analysis Tools:          MS Excel (Vlookup, PivotTable), Tableau
Programming:             Python (numpy, pandas, matplotlib, scikit-learn, SciPy), R, SAS (logistic, regression, survival analysis)
Databases:               MySQL, Microsoft SQL Server, Oracle

## 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