

## Shih-Tien Wang

214.241.9526; sxw180025@utdallas.edu

<https://www.linkedin.com/in/shih-tien-wang> | <https://ericstar20.github.io/>

### EDUCATION

#### M.S., Business Analytics

December 2020

*The University of Texas at Dallas*

**GPA 3.66**

*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

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 PROJECT

**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

### ORGANIZATIONS

**Data Visualization Club**, UTD

January 2019 - Present

**SCU Changhua Area Alumni Association**, SCU, Taiwan – **President**

February 2011 - February 2012