

# CHI-LIANG KUO

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**PROFILE** Analytic student with solid capabilities in data wrangling, database analysis, and data modeling.

**EDUCATION** **Master of Science:** Analytics — 2015  
**University of San Francisco**

**Bachelor of Science:** Electronics Engineering — 2012  
**National Chiao Tung University — Taiwan**

**PROFESSIONAL EXPERIENCE** **Quanta Computer Inc. — Taiwan**  
**Assistant Engineer**, Cost Analysis Division, Cloud Computing Business Unit — 2013

- Predicting the monthly and quarterly demands of enterprise hard drive disks.
- Reducing 7% cost of enterprise hard drive disks.
- Cost analysis with Excel spreadsheet.

**SELECTED PROJECTS**

- **Restaurant Possible:** — University of San Francisco  
Location recommending system for opening the restaurants based on cost operation, user reviews, ratings , and traffics  
Integrating unstructure data from several websites using Google API and Python packages
- **Text mining on Movie reviews:** — University of San Francisco  
Peforming sentimental analysis of thousands of movie reviews with naive bayes algorithm using Python.  
Catgorizing the sentiment of one million words in fifteen seconds.
- Analyzing New York Stock Exchange data with MySQL and PostgreSQL.
- Simulating large scale circuitry behavior with topology algorithm using C++.
- application development with Java.

**TECHNICAL SKILLS**

- Manipulating, cleaning and processing data using Python.
- Analyzing raw data with both SQL and NoSQL databases.
- Building models and visualizing the results using R.

**ONLINE CERTIFICATES**

**Coursera**

- Machine Learning, Mar 3rd 2014, Stanford University
- Computing for Data Analysis, Jan 6th 2014, Johns Hopkins University
- Exploratory Data Analysis, Jun 2nd 2014, Johns Hopkins University

**Stanford Online**

- Introduction to Databases, Mar 22th 2014