

# Mu-Ting Huang

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[LINKEDIN](#)  
[PERSONAL WEBSITE](#)

## EDUCATION

### **San Diego State University**

Master of Science in Big Data Analytics

San Diego, CA

2020 – present

### **University of San Diego**

Master of Business Administration, Concentration in Finance

San Diego, CA

2014

### **Feng Chia University**

BBA in Business Administration

Taichung, Taiwan

2007

## PROFESSIONAL EXPERIENCE

### **SDSU Climate Informatics Laboratory** | *Data Analysis intern* – San Diego, CA

09/2020 - Present

- Query and update database.
- Communicate progress and escalate issues to management.
- Assist in reviewing and writing Python code for the book entitled [Climate Mathematics: Theory and Applications](#).

### **SDSU Research Foundation – Chinese Cultural Center** | *Budget and Admin Analyst* – San Diego, CA

10/2014 - Present

- Reduced 75% of time for preparing annual budget by using Excel VBA and spreadsheets.
- Develop and manage annual budget review process to provide timely and informative financial analysis and updates.
- Slashed 10% of expenses by analyzing and preparing monthly department budgeting reports to maintain expenditure controls.
- Create and revise systems and procedures by reviewing operating practices, recordkeeping systems, forms control, and budgetary and personnel requirements.
- Develop, implement, and advise staff on internal administrative policies and procedures.

### **San Diego Social Venture Partners, Inc.** | *Data & Research Analyst (intern)* – San Diego, CA

2/2014 - 5/2014

- Analyzed historical membership and survey data to determine segmentation, trends, and the effects of engagement on retention.
- Synthesized organizational information to conduct a SWOT analysis.
- Mapped strategies according to organizational strengths and non-profit community needs.
- Evaluated the operational viability of proposed strategies.

### **Nan Shan Life Insurance Company** | *Transaction Settlement Specialist (Department of Investment)* - Taipei, Taiwan 10/2009-7/2012

*The most profitable subsidiary company of AIG in Asia before separation*

- Researched new financial instruments such as CMO/CCS by using Bloomberg, tested all system conditions (Portia), collaborated with IT colleagues to troubleshoot problems in Portia and testing simulations.
- Reformed internal controls design to match current operations in order to comply with internal audit team to implement monitor procedures, reducing expected work time by 40% per manpower.
- Performed all settlement operations and communicate with all inner/outer accounting departments and counterparties to ensure deals settled on time; 0 trades were delayed or defaulted since assuming the position.

## TECHNICAL SKILLS

Advanced skills in Microsoft Excel	Bloomberg	MySQL	SAS Enterprise Guide
Python	R	Tableau	MongoDB
Machine learning	Database management	Power BI	AWS

## CERTIFICATES

- CFA level 1 passed.
- UC San Diego extension Biostatistics certificate
- IBM Data Science certificate

## **PROJECT/COMMUNITY SERVICE EXPERIENCE**

- The Asian Pacific Islander American Public Affairs Association (APAPA) Candidates Forum 11/2013 - Present
- Management Consulting Project
  - Designed and analyzed survey that identified data from sources managing the talent pipeline inside a company 2/2014-4/2014.
- JA BizTown volunteer- Donated time to assist pupils experience how businesses operate 3/2014
- Blessed Sacrament Parish School - Shared MBA experience and taught basic finance knowledge 5/2013