**Mu-Ting Huang**

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[PERSONAL WEBSITE](https://alex31425.github.io/MTHuang/)

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# EDUCATION

**San Diego State University** San Diego, CA

Master of Science in Big Data Analytics 2020 – present

**University of San Diego** San Diego, CA

Master of Business Administration, Concentration in Finance 2014

**Feng Chia University** Taichung, Taiwan

BBA in Business Administration 2007

# PROFESSIONAL EXPERIENCE

**SDSU Climate Informatics Laboratory│** *Data Analysis intern –* San Diego, CA 09/2020 - Present

* Query and update [4DVD](https://4dvd.sdsu.edu/) database.
* Assist in reviewing and writing Python code for the book entitled [Climate Mathematics: Theory and Applications](https://climatemathematics.sdsu.edu/main/PythonCodes.html), making users understand syntax usage efficiently.

**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 dashboard , saving reviewers approximately 50% of time for looking for KPIs.
* 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