Lorna Yen

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**EDUCATION**

**National Taipei University of Technology** *2019 to 2020*

*Academic Credit, Department of Electronic Engineering, 98/100* Taipei, Taiwan

* **Relevant Coursework*:*** Discrete mathematics

**Fu Jen Catholic University** *2018 to 2019*

*Academic Credit, Department of Mathematic, GPA 3.74* Taipei, Taiwan

* **Relevant Coursework*:*** Calculus I, Calculus II, Linear algebra I, Linear algebra II, Mathematical Statistics I, II, Probability Theory

**National Sun Yat-sen University** *2012 to present*

*Master of Business Administration in Finance, GPA 3.94* Kaohsiung, Taiwan

* **Relevant Coursework:** Valuation, Accounting, Security Market Microstructure, Financial Statement Analysis
* **Activity:** XBRL Practice in Security Market Workshop, Foreign guest receptionist of the 22nd Conference on the Theories and Practices of Security and Financial Markets

**EXPERIENCE**

**Research Assistant, Academia Sinica** *2019 to present*

*Institute of Statistical Science, Advisor: Prof. Frederick Kin Hing Phoa.*

* Develop a novel system for routing application: AIoT-iPRO(KNOW-HOW NO. 06T-1090623)
* Design a customized routing system based on AIoT-iPRO for a leading food company in Taiwan
* Proposed, design, and implement novel models for routing and VRP problems

**Investment Banking Analyst, Horizon Securities Co., Ltd.**  *Jul 2014 to Sep 2017*

* Conducted comprehensive analysis, due diligence as a major book-runner for the Uniflex Technology Inc. (TWSE: 3321) IPO.
* Analyzed 5+ companies in Electronics and Cosmetic industry from financial, operational, and industry perspective, and created memorandum for internal committees.
* Work with associate in creating 30+ presentations and pitch files for client executives and boards for providing financial and strategic advice.
* Work with clients in advising official documents such as Annual Report, Prospectus and files of Roadshow.

**TWSE XBRL Software Design - Investment Ratings System** *Jan 2014 to Jul 2014*

*Project Designer- EBO Valuation Model Building*

* On the basis of corporate fundamental analysis, building an innovation security selection system with the EBO valuation method using all public information, including all listed companies from 2009 to present
* Group all companies into three main industries: financial industry, construction industry and general industry to present various valuation assumptions based on different industry characteristics
* Interdisciplinary communication with four IT specialists which could bring our financial model outline to the system database and building the programing logical calculation

**China Guangfa Bank**

*Corporate Banking, Summer Intern August 2013 to September 2013*

* Completed the analyses on the financial statement, industry competitiveness, and operating status of a stated technology & environment company and a building material trading company
* Visited a asset management company of one university to know their operating status and investment plan risk to evaluate the feasibility of financing project

**PUBLICATION**

**Traveling Salesman Problem via Swarm Intelligence**

Pei-Chen Yen and Frederick Kin Hing Phoa

*Advances in Swarm Intelligence, July 2021*