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## EDUCATION

### GEORGIA INSTITUTE OF TECHNOLOGY

*Master of Science in Computer Science (GPA: 3.87/4.00)*

Atlanta, USA

Expected Dec. 2020

### NATIONAL TAIWAN UNIVERSITY

*Bachelor of Science in Chemical Engineering (GPA: 4.03/4.30)*

Taipei, Taiwan

Sept. 2009 – June 2013

- Program: Cloud Computing Program in the Department of Computer Science & Information Engineering
- Computational Molecular Engineering Lab: Estimation of the thermodynamic properties of clathrate by simulation

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## EXPERIENCE

### PRECOC CO., LTD.

*Consultant; Software Engineering*

Taipei, Taiwan

May 2020 – Present

- Built machine learning models for clustering customer based on customers' cross-product behavior.
- Planned for R&D project for the SBIR COVID-19 program, applying for half of the yearly revenue of subsidy.
- Built ETL pipeline for daily reports about customer behavior and revenue contribution for top TW gaming company.

### CTBC FINANCIAL HOLDING CO., LTD.

*Digital Banking Division (DBD), Project Manager*

Taipei, Taiwan

June 2017 – July 2019

- Designed and built smart speakers exhibited by CTBC DBD at 2017 WCIT, which is a highlighted item.
- Coordinated implementation projects of RPA from 2017 fall, including 5 business units from 3 subsidiaries.
- Developed Virtual Personal Assistant with the voice-user interface; responsible for primary functions.
- Cooperated a Blockchain External Confirmation Project with FISC, over 20 banks and 4 accounting firms.
- Developed mobile SDK for e-signature and introduced to 2 innovative applications with 2 subsidiaries.

### UG INVESTMENT ADVISERS

*Product Manager*

Taipei and Shanghai, Taiwan

June 2016 – Apr. 2017

- Conducted and analyzed 27 in-depth interviews to design the main product and pricing strategy of TAROBO.
- Managed marketing project of campus debate competition with 300+ attendants and USD 40,000 equivalent prizes; invited 9th legislator Ming-chung Tseng, CEO of Morgan Stanley Taiwan, and Head of UBS ADVICE Taiwan.
- Managed and optimized online marketing strategies with Facebook Advertising and Google Analytics.

### FAR EASTONE TELECOMMUNICATIONS CO., LTD.

*Cooperate Strategy Development Office (CSDO), Business Analyst*

Taipei, Taiwan

Oct. 2014 – Apr. 2016

- Proposed loyalty enhancement program through stating issues after analyzing customer satisfaction survey.
- Designed the table schema on Teradata that suited for Tableau, used by the cross-functional task force.
- Built model for calculation of customers' lifetime value to evaluate the financial benefits of project solutions.
- Led a one-month test and learning project to figure out telemarketing performance with random outbound.
- Developed a monthly business intelligence report with Tableau to extract insights from churn-saving campaigns, improving 6 marketers' daily operation and campaign design.
- Automated data collecting from manually update to day-to-day batch execution, saving 4 working hours every week.

### COMMUNITY CONSULTING PROJECT

*Consultant*

Taipei, Taiwan

July 2013 – Aug. 2013

- Consulted a nursing home and supported 2 governmental funding applications, totaling \$8.7 million NTD; suggested the director raised funds to rooms repairing after concluding that most rooms were mal-functioned.

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## OTHERS

- Chief Election Officer of Mensa Taiwan in 2020. (Mensa: an international club for top 2% IQ)
- Founded Rotaract Club of Taipei Rising Star at 2015/07/01 with 30+ members; President of the year 2016
- Founded NTU Consulting Club in May 2013; hosted 3 consulting interview workshops with 250+ students
- Founded Viking Bar blog and managed 13 editors; achieved 135K of visits and 335K of browses in the first month
- Language: Chinese (native); English (fluent, TOEFL 101)
- Skills: SQL, Python, Spark, R Tableau, Power BI, MS Office and VBA, JavaScript and D3, MATLAB
- Interests: reading, Netflix, skiing, weighting training, Texas Holdem, bouldering.