# MING-TING LU

akugoz@protonmail.com | https://www.linkedin.com/in/mingtinglu/

## EDUCATION

**GEORGIA INSTITUTE OF TECHNOLOGY**
*Master of Science in Computer Science (GPA: 3.90/4.00)* — Aug. 2018 – Dec. 2020

**NATIONAL TAIWAN UNIVERSITY**
*Bachelor of Science in Chemical Engineering (GPA: 4.03/4.30)* — Sept. 2009 – June 2013
- Computational Molecular Engineering Lab: Estimation of the thermodynamic properties of clathrate by simulation

## EXPERIENCE

**PRECOO CO., LTD.**
*Data Scientist and Business Consultant* — May 2020 – Present
- Planned for R&D project for SBIR COVID-19 program, applying for half of yearly revenue of subsidy
- Parsed product description, public customer information and comments from 2 leading e-commerce companies
- Constructed customer active classification methodology for top international media in Hongkong
- Built ETL pipeline for daily reports about customer behavior and revenue contribution for top TW gaming company
- Built customer clustering model for strategy planning and marketing campaign design (on-going project)

**CTBC FINANCIAL HOLDING CO., LTD.**
*Digital Banking Division (DBD), Project Manager* — June 2017 – July 2019
- Developed a smart speaker and exhibited at 2017 World Congress on Information Technology (WCIT)
- Designed main function characters of CTBC's Virtual Personal Assistant (VPA) with the voice user interface
- Coordinated end-to-end implementation projects of Robotic Process Automation for 5 business units
- Cooperated a Blockchain External Confirmation Project with FISC, 20 banks and Big 4 accounting firms
- Hosted SDK development for e-signature and introduced to 2 innovative applications with subsidiaries

**UG INVESTMENT ADVISERS**
*Product Manager* — June 2016 – Apr. 2017
- Collected and analyzed 27 in-depth interviews after demonstrating prototype of TAROBO web service
- Managed a project of campus debate competition with 300+ attendants and USD 40,000 equivalent prizes; invited 9th legislator of Taiwan Legislative Yuan, CEO of Morgan Stanley Taiwan, and Head of UBS ADVICE Taiwan
- Designed an eye-catching quiz for branding, categorizing investment attitude; 2,000+ pageviews within 1 month

**FAR EASTONE TELECOMMUNICATIONS CO., LTD.**
*Cooperate Strategy Development Office (CSDO), Data Analyst* — Oct. 2014 – Apr. 2016
- Designed the table schema on Teradata that suited for Tableau, used by churn-saving cross-functional task force
- Built model for calculation of customers' lifetime value to evaluate financial benefits of project solutions
- Automated data collecting from manually update to day-to-day batch execution, saving 4 working hours every week
- Built scoring card for predicting users that might churn within 6 months with SAS, improving 15% accuracy

## EXTRACURRICULAR ACTIVITIES AND PROJECTS

**NTU CONSULTING CLUB**
*Cofounder* — Mar 2013 – Aug. 2013
- Strengthened students' consulting ability through hosting 3 workshops, benefitting more than 250 students
- Supported a nursing home got 2 governmental funding, totaling $8.7 million NTD by proposing

**NTU SECURITY RESEARCH SOCIETY**
*Activities Minister* — Aug. 2012 – July 2013
- Improved register rate from 50% to 90% at the end of membership recruiting session
- Developed Membership Management System based on GScript and Google Spreadsheet, binding with RFID card

## OTHERS
- Membership of Mensa International (High IQ club); chairman of election committee for board member election
- Founded Rotaract Club of Taipei Rising Star at 2015/07/01 with 35 members; President of the year 2016
- Skills: Python, SQL, Tableau, MS Office and VBA, JavaScript and D3, MATLAB, Shell Script
- Interests: badminton; Texas holdem; bouldering (V3 level player)