Hsin-Yu Chen
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EDUCATION

National Taiwan University   **Taipei, Taiwan**
Bachelor of Arts, Double Major in Economics and Japanese Language & Literature   Sept. 2014 – Jun. 2019
- **Cumulative GPA: 3.87/4.30, Economics Major GPA: 4.0/4.30, Last 60 GPA: 4.07/4.30**
- **Honor:** Dean's List for two semesters(GPA in top 5% in the Department)

WORK & LEADERSHIP EXPERIENCES

Department of Customer Franchise Management, Citibank   **Taipei, Taiwan**
Summer Analyst Internship   Jul. 2018 – Sept. 2018
- Developed automated summary report by VBA and enhanced management efficiency by saving 97% time.
- Built a database of merchant names from transaction data, covering up to 80% of consumers' total spend.
- Actively engaged in projects relevant to big data, such as merchant recommendation engine enhancement, communicating with over 10 cross-country managers weekly.

Department of Mathematics, National Taiwan University   **Taipei, Taiwan**
Teaching Assistant for Calculus   Sept. 2017 – Jan. 2018
- Offered two-hour office hour per week, solving students' problems and enhancing students' score performance in the final exam.
- Coordinated with professor and conducted study groups to keep track of students' learning situation.
- Assigned homework and exam papers.

RELEVANT PROJECTS

Impact on Nearby Residential Housing Price : Empirical Study on Taoyuan International Airport Metro
Course Title: Econometrics   Mar. 2018 – Jun. 2018
- Used R to crawl housing price data from the internet and arrange them in order with VBA.
- Created model to regress housing price effect with Difference-in-Differences estimation.
- Tested the statistical significance of independent variables in the regression and visualized the study results by Stata.

Develop Game with Python : Bomberman
Course Title: Programming for Business Computing   Mar. 2018 – Jun. 2018
- Created bomberman game with Python programming by self-learning.

Analyzing Study on Potential Consumers of Electric Scooter
Course Title: Data Science and Social Inquiry   Sept. 2017 – Jan. 2018
- Arranged data collected from government public questionnaires in order.
- Analyzed data in various categories, also conducted data visualization by R.
- Collected all charging points of Gogoro in Taiwan by crawling data from the internet and visualized on google map by R.

RELEVANT COURSES   * denotes lessons that will be completed before graduation

Computing / Data : Programming for Business Computing(Using Python, 4.3 / 4.3) ;
Data Science and Social Inquiry(Using R, 4.0 / 4.3) ; Big Data and Business Analytics* ;
Database Management System*
Mathematics : Calculus(4.3 / 4.3) ; Statics(4.3 / 4.3) ; Mathematics for Economics*(Including Linear Algebra,Optimization)
Economics : Econometrics(4.0 / 4.3) ; Microeconomics ; Macroeconomics
Finance / Accounting : Accounting(4.3 / 4.3) ; Money & Banking ; Financial Economics

SKILLS & LANGUAGES

Technical Skills: R, Python, SAS, Stata, Office Suite(Excel Visual Basic Application(VBA), Word, PowerPoint)
Languages: Native in Mandarin Chinese, Fluent in English and Japanese

EXTRACURRICULAR ACTIVITIES & COMPETITIONS

Student association of Japanese Language Department, National Taiwan University **Taipei, Taiwan**
Sept. 2017 – Jan. 2018

- Managed a team of 10 as instructor in the Japanese winter camp.
- Raised sponsors and arranged performances for the department events.

16th ATCC Business Case Competition (18th Place out of 534 teams) **Taipei, Taiwan**
Mar. 2018 – Apr. 2018

- Collaborated with retail and media industry of Eastern Media International, accumulating practical experiences.
- Teamed with students from different background and used design thinking to solve business cases.
- Analyzed markets and potential customers of online shopping and assessed consumers' pinpoints.

7th SAS Big Data Scientist Competition **Taipei, Taiwan**
Apr. 2018

- Used SAS to perform comprehensive analysis, including exploratory data analysis, and primary statistical valuation of credit card customers.