

Wen-Kai Chung

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Github github.com/wkCircle

EDUCATION

Sep 2010–Jun 2014 **B.S. in Mathematics & B.A. in Economics (Double Major)**

National Taiwan University, Taipei, Taiwan

- Overall GPA 3.53 / 4.30

PUBLICATION

Chen, Y.-P.*; Hsu, T.-L.*; Chung, W.-K.*; Dai, S.-C.*; and Ku, L.-W. 2019. Upstream, Downstream or Competitor? Detecting Company Relations for Commercial Activities. To appear in *HCI in Business, Government, and Organizations - 6th International Conference, HCIBGO 2019, Held as Part of HCI International 2019, Orlando, FL, USA, July 26-31, 2019*. (*Equal contribution)

PROFESSIONAL EXPERIENCE

Feb 2018–Dec 2018 **Research Assistant**

Natural Language Processing and Sentiment Analysis Lab at Institute of Information Science, Academia Sinica, Taipei, Taiwan

- Participated in project “Natural Language Processing in Supply Chain Finance”
- Trained deep learning neural network to identify company’s alias in articles to predict relationship between two given companies

Jun 2016–Aug 2017 **Research Assistant**

Department of Economics, National Taiwan University, Taipei, Taiwan

- Participated in project “Cordination in Social Network”
- Proved incorrect claims by narrowing down possibilities in cases of cyclic graph

Feb 2016–Apr 2016 **Product Manager**

Treasury Marketing Unit, Taichung Commercial Bank, Taipei, Taiwan

- Predicted seven major currencies of foreign markets
- Improved the efficiency of daily work by calculating sum of financial derivatives using Excel VBA

Jul 2014 & Jul 2016 **Teaching Assistant**

Mathematical Finance Summer School Program, Institute of Mathematics, Academia Sinica, Taipei, Taiwan

- Proved proofs and graphs for certain financial derivatives (eg. Asian barrier options) using MATLAB

Feb 2013–Aug 2013 **Lecturer in Mathematics**

Taiwan Regional Mathematics League Competition, Taoyuan Senior High School, Taipei, Taiwan

- Trained a group of 15 outstanding students for TRML mathematics competition (calculus, algebra and probability) where the group won a local third place award

AWARDS

- May 2014 **Chien Shih-Liang Scholarship Holder**
College of Science, National Taiwan University, Taipei, Taiwan
- Awarded to only two individuals out of three thousand applicants
- Oct 2013 **Presidential Award Holder**
Department of Mathematics, National Taiwan University, Taipei, Taiwan
- Awarded to top three students in class
- Aug 2013 **Summer School Program Subsidy Holder**
Institute of Math, Academia Sinica, Taipei, Taiwan
- Selected out of fifteen applicants for this subsidy
- Mar 2013 **Presidential Award Holder**
Department of Mathematics, National Taiwan University, Taipei, Taiwan
- Awarded to top three students in class

LANGUAGE PROFICIENCY

- Chinese** – native language
English – vantage (IELTS 6.5)
German – waystage (CEFR A2)

OTHER SKILLS

Python (PyTorch), Linux Bash, SQL, LaTeX, C++, STATA, MATLAB, Excel VBA