Wen-Kai Chung

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Github	github.com/wkCircle
Nationality	Taiwan

EDUCATION

Sep 2010 – Jun 2014 **Bachelor of Science in Mathematics (Major) &**
Bachelor of Arts in Economics (Double Major)
National Taiwan University, Taipei, Taiwan
- Overall GPA 3.53 / 4.30

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
- Proved reliable predictions of foreign markets
- Improved the efficiency of daily work by calculating sum of financial derivatives using Excel VBA

EXTRACURRICULAR ACTIVITIES

Jul 2016 & Jul 2017 **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, basic algebra and probability) where the group won a local third place award

PUBLICATION

Upstream, Downstream or Competitor? Detecting Company Relations for Commercial Activities, Yi-Pei Chen*, Ting-Lun Hsu*, Wen-Kai Chung*, Shih-Chieh Dai, Lun-Wei Ku, Human-Computer Interaction International Conference 2019: Business, Government and Organizations (*Equal contribution)

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