Chun-Chieh Wang

Mobile: +886 922 960 012   Email: philip27020102@gmail.com

EDUCATION

September 2015 – Expected June 2019   **National Taipei University**
Major: Computer Science and Information Engineering
- Research Topic: Improving the Trading Strategy via Reinforcement Learning

WORK EXPERIENCE

August 2018 – Present   **National Taiwan University, Digital Finance and Industry Development Centre**
Engineer
- Assist in the development of financial engineering algorithms related to machine learning and deep learning

January 2016 – Present   **Ministry of Science and Technology research project: "The Application of big data on house prices in Japan: Web data mining and machine learning"**
Research Assistant
- Building a large number of foreign language web crawlers
- Developed some regression analysis tools using Python

March 2017 – March 2018   **China Trust Commercial Bank, Foreign Exchange Department**
Project Engineer
- Research on deep learning applied to trading algorithms
- Using text mining skills to analyze social media discussions, forex news and financial reports

July 2016 – October 2016   **CANWHOLE International**
Project Engineer
- Create a website that can recognize target instantly then display augmented reality contents
- Responsible for planning and integrating the system

January 2016 – June 2016   **Ministry of Science and Technology research project: the research of Max-Margin Early Event Detection**
Research Assistant
- Assist in the Max-Margin Early Event Detection research
- Building an Online Judge system

PUBLICATIONS & AWARDS

Encoding Candlesticks as Images for Patterns Classification Using Convolutional Neural Networks
Yun-Cheng Tsai, Jun-Hao Chen & Chun-Chieh Wang, Journal of Intelligent Systems, Preprint, January 2019

Predict Forex Trend via Convolutional Neural Networks
Yun-Cheng Tsai, Jun-Hao Chen & Jun-Jie Wang, Journal of Intelligent Systems, 10.1515/jisys-2018-0074

An Efficiency Comparison on Chinese Typewriting between Zhuyin Pinyin and Hanyu Pinyin
Chun-Chieh Wang, International Conference of Innovation and Design 2013

2019 National Taipei University Hackathon - 3rd Prize
- Our team designed a "smart traveling agent" service website for both foreign and local travelers.
- We built a recommendation system, considering the preference of users and the congestion of all places, based on the analytics of the government open data

ADDITIONAL INFORMATION

Programming Skills:
- Machine Learning Relevant: C/C++, Python
- Web Front/Back-End and Database Relevant: JavaScript, HTML5, CSS3, PHP, SQL
- Program Trading Relevant: MQL4