# Meng-Jiun Chiou

coldmanck@gmail.com

http://coldmanck.github.io/

User ID: coldmanck

DoB: 05-Mar-1993

## EDUCATION

| | |
|---|---|
| SEP. 2012-<br>JUN. 2016 | *National Chiao Tung University*, Hsinchu, Taiwan<br>**B.Sc.** in Electrical and Computer Engineering<br>• Overall GPA: 3.89/4.30 (or 3.90/4.00)<br>• Relevant Courses: Data structure, Design and Analysis of Algorithms, Advanced Object-Oriented Programming, Computer Vision, Data mining, Virtual Reality and Augmented Reality, Introduction to Database |
| OCT. 2014-<br>SEP. 2015 | *The University of Tokyo*, Tokyo, Japan<br>**Exchange Student** in Information and Communication<br>• Worked at *Aizawa-Yamasaki Multimedia Processing Lab*<br>• Relevant Courses: Artificial Intelligence, Introduction to Statistical Machine Learning, Supercomputer Programming, Computer Architecture, Discrete Mathematics, Operating Systems, Computer Networks |

## PUBLICATIONS

- **Meng-Jiun Chiou**, Yamasaki Toshihiko and Aizawa Kiyoharu, "A Fast Table-Based Approach of Bag-of-Features for Large-Scale Image Classification". In *Image Information and Television Engineers Annual Conference* (ITE), Aug. 2015.

- **Meng-Jiun Chiou**, Yamasaki Toshihiko and Aizawa Kiyoharu, "A Fast Method of Visual Words Assignment of Bag-of-Features for Object Recognition". In *The 18th Meeting on Image Recognition and Understanding* (MIRU), Jul. 2015.

## SELECTED PROJECTS

| | |
|---|---|
| TB-BoF<br>*Research* | **Meng-Jiun Chiou**, Yamasaki Toshihiko and Aizawa Kiyoharu<br>Table-Based Bag-of-Features (TB-BoF) introduces a fast look-up table based method for finding bag-of-features-based indexes of query pictures without conducting feature extraction.<br>• Source code: https://github.com/coldmanck/A-Fast-Method-of-Visual-Words-Assignment-of-Bag-of-Features-for-Object-Recognition |
| RWR<br>*Course Project* | **Meng-Jiun Chiou**, Ting-An Chien and Zhe-Shan Yo<br>Implementing "Fast-RCNN" framework, Right Whale Recognizer (RWR) aims at recognizing right whale's face by training on a large amount of images. Code released on GitHub obtains 40+ stars.<br>• Source code: https://github.com/coldmanck/fast-rcnn |
| MPR<br>*Course Project* | **Meng-Jiun Chiou** and Nai-Jie Li<br>Movie Poster Recognizer (MPR) is an Android app retrieving movie's information by recognizing movie's title from common movie posters.<br>• Source code: https://github.com/Team-SC/Movie-Poster-Recognition |

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## Awards and Scholarships

Oct. 2015 — Helm Technology Scholarship, *Helm Technology Inc.*
- Awarded to students with superb overall GPA

Oct. 2014 — JASSO Student Exchange Support Program Scholarship, *Japan Student Services Organization (JASSO)*
- Chosen by *The University of Tokyo*

Oct. 2014 — Short-Term Exchange Scholarship, *National Chiao Tung University*
- Awarded to exchange students with the top 20% overall GPA

May. 2014 — Xiao Yuan-Long Scholarship, Department of Electrical and Computer Engineering, *National Chiao Tung University*
- Awarded to students with superb overall GPA

## Experience

Dec. 2015-
Apr. 2016 — **Research Assistant** at *Academia Sinica*
I had been conducting research concerning to image segmentation at *Multimedia and Machine Learning LAB.*

Jul. 2013-
Jun. 2014 — **Microsoft Student Partners (Develop Team)** at *Microsoft Taiwan*
I had developed Windows Applications and made speeches for the public to promote the newest techniques and services.

## Skills

- Programming: C, C++, Java, Python, Matlab
- Languages:
  - Mandarin Chinese (native)
  - English (fluent; TOEFL: 95)
  - Japanese (fluent; JLPT: Level N1)

## Extracurricular Activities

Jun. 2013-
May. 2014 — **Vice President** at *Chien-Kuo and Taipei First Girls' High School Alumni Association NCTU.*
At *National Chiao Tung University*, I had been a vice president of "Chien-Kuo and Taipei First Girls' High School Alumni Association" for one year. I took on leadership roles by organizing a variety of events.