

# Meng-Jiun Chiou

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USER ID: coldmanck  
DoB: 05-Mar-1993

## EDUCATION

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- AUG. 2017- *National University of Singapore*, Singapore  
JUL. 2021 **Ph.D.** candidate in Computer Science
- Research interest: Computer Vision, Machine Learning and Deep Learning
- SEP. 2012- *National Chiao Tung University*, Hsinchu, Taiwan  
JUN. 2016 **B.Sc.** in Electrical and Computer Engineering
- Overall GPA: 3.89/4.30 (or 3.90/4.00)
  - 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- *The University of Tokyo*, Tokyo, Japan  
SEP. 2015 **Exchange Student** in Information and Communication Engineering
- Worked at *Aizawa-Yamasaki Multimedia Processing Lab*
  - Relevant Courses: Artificial Intelligence, Introduction to Statistical Machine Learning, Supercomputer Programming, Computer Architecture, Discrete Mathematics, Operating Systems, Computer Networks

## PUBLICATIONS

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- **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.

## AWARDS AND SCHOLARSHIPS

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- 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, *National Chiao Tung University Department of Electrical and Computer Engineering*
- Awarded to students with superb overall GPA

## SELECTED PROJECTS

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- TB-BoF **Meng-Jiun Chiou**, Yamasaki Toshihiko and Aizawa Kiyoharu  
*Research Project* 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.  
• Source code: <https://github.com/coldmanck/A-Fast-Method-of-Visual-Words-Assignment-of-Bag-of-Features-for-Object-Recognition>
- RW Recognizer **Meng-Jiun Chiou**, Ting-An Chien and Zhe-Shan Yo  
*Course Project* Implementing "Fast-RCNN" framework, Right Whale Recognizer (RW Recognizer) aims at recognizing right whale's face by training on a large amount of images. Code released on GitHub obtains 40+ stars.  
• Source code: <https://github.com/coldmanck/fast-rcnn>
- MP Recognizer **Meng-Jiun Chiou** and Nai-Jie Li  
*Course Project* Movie Poster Recognizer (MP Recognizer) is an Android app retrieving movie's information by recognizing movie's title from common movie posters.  
• Source code: <https://github.com/Team-SC/Movie-Poster-Recognition>

## EXPERIENCE

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- DEC. 2015- **Research Assistant** at *Academia Sinica*  
APR. 2016 I conducted research concerning to image segmentation with Dr. Yuchi-chiang Frank Wang at *Multimedia and Machine Learning LAB*.
- JUL. 2013- **Microsoft Student Partners (Develop Team)** at *Microsoft Taiwan*  
JUN. 2014 I developed multiple Windows Applications and made speeches for the public to promote the newest techniques and services.

## SKILLS

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- Specialization: Computer Vision, Machine Learning and Deep Learning
- Programming: C++, Java, Python and Matlab
- Languages:
  - Mandarin Chinese (native)
  - English (fluent; TOEFL iBT: 95, acquired in Aug. 2016)
  - Japanese (fluent; JLPT: Level N1, acquired in Jul. 2014)

## EXTRACURRICULAR ACTIVITIES

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- JUN. 2013- **Vice President** at *Chien-Kuo and Taipei First Girls' High School*  
MAY. 2014 *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.