Chieh-Ming Kuo

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Seeking a Job Opportunity in Computer Vision or AI

Education

2015–2017 **National Tsing Hua University - M.S. degree of Information Systems and Applications**.
Master Student in Computer Vision Lab.
Supervised by Prof. Shang-Hong Lai
Master's Thesis : Facial Expression Recognition with Deep learning

2008–2012 **National Tsing Hua University - B.S. degree of Material Science and Engineering**.

Experience

2016–2017 **Teaching Assistant of Computer Vision**, NTHU (Graduate School), *Hsinchu, Taiwan*.
Matlab environment

2013 **Engineer**, Chung Hwa Picture Tubes, LTD, *Taoyuan, Taiwan*.
TFT Manufacture General Division. *Photolithography process*

2012–2013 **Private 1st class**, Republic of China Air Force, *Hsinchu, Taiwan*.
Air Defense Artillery. *Signal and Cook.*

Participated Projects

2016–2017 **Deep Learning for Facial Expression Recognition**, Qualcomm.
Face detection and refinement.
Convolutional Neural Network architecture design.

2016 **Deep Learning-based Obstacle Recognition**, Industrial Technology Research Institute, *Taiwan*.
Review of modern object detection frameworks.
Object detection on NVIDIA TX1.

2016 **Multimodal Human Computer Interaction Technology for smart TV**, Ministry of Science and Technology, *Taiwan*.
Facial expression recognition.
Gaze estimation..

Course Projects

Fall 2015 Computer Vision : Improve Facial Expression Recognition with Dictionary Learning

Core Course and Grades

A+ **Computer Vision**.

A **Computer Vision for Visual Effects**.

A+ **Computer Graphics**.

A **Nonlinear Programming**.

Leadership

2015–2017 **Vice-President of Student Dormitory**, *National Tsing Hua University, Taiwan*.

Programming skills

Languages Matlab, Python, C, C++

Library Caffe, TensorFlow, OpenCV, LIBSVM

Reference

Shang-Hong Lai.
Professor, Department of Computer Science
National Tsing Hua University, Taiwan
lai@cs.nthu.edu.tw
(886) 3574 2958
Prof. Lai was my graduate supervisor.

Michel Sarkis.
Senior Staff Engineer
Qualcomm
msarkis@qti.qualcomm.com
Dr. Sarkis was my project director at Qualcomm.