# Wei-Chih Chen

Software Engineer@Microsoft AI+Research

## Summary

KEYWORDS: Machine Learning, Computer Vision, deep learning, iOS APP Developer, Java, C/C++, Matlab, R, javascript.

## Experience

### Software Engineer at Microsoft

April 2017  -  Present

Computer Vision Input Experience and Platform Engineering(CVIEPE) team at Microsoft AI+Research

- iOS Developer on Microsoft Pix App

- UI/UX of style transfer feature.

### iOS App Developer

June 2016  -  December 2016 (7 months)

- Implemented an online doctor consultation platform to connect patients in US and doctors in Taiwan.
- Developed front-end on iOS by Swift with applying Amazon dynamodb database.
- Built from UI design, UX, storyboards to integrated all MVCs.

### Teaching Assistant at University of California, Davis

April 2015  -  June 2016 (1 year 3 months)

- Data Structures and Programming in Spring 2015. Computer Architecture in Fall 2015. Algorithm in Winter 2016. And Algorithm in Spring 2016.
- Led discussions, lectured for part algorithm courses, hold office hours, graded homework and exams.

### Engineer at Transcend Information, Inc.

March 2014  -  July 2014 (5 months)

- Led a new production line of the camera module in Transcend's manufactory.
- Developed the camera module of strategic products: camera video recorders DP100 & DP200.

### NB Electrical Engineer at ASUS

July 2012  -  October 2013 (1 year 4 months)

- Developed prototype of ASUS Transformer Book Trio, the first notebook combined with a tablet in the world.
- Designed and developed the best-selling ultra-book UX32VD in ASUS including designing motherboards of notebooks managing layouts of PCB and supervising with manufacturing partners.

## Education

**University of California, Davis**

Master's degree, Computer Science, 2014 - 2016

**University of Florida**

Exchange Student, Electrical and Electronics Engineering, 2010 - 2011

**National Cheng Kung University**

Master of Science (MS), Electrical and Electronics Engineering, 2008 - 2010

**Activities and Societies:** SPIC Lab in VLSI/CAD Group

**National Chiao Tung University**

Bachelor of Science (BS), Electronics Engineering, 2004 - 2008

Contact Wei-Chih on LinkedIn