

# An-Chieh Cheng (Anjie Zheng)

## Education

- 2018–present **M.S. in Institute of Information Systems and Applications**, *National Tsing Hua University*.  
2014–2018 **B.S. in Computer Science**, *National Tsing Hua University*.  
GPA: 3.8/4.3  
Ranking: 7/55, 29/164

## Experience

- 2017–2018 **Research Assistant**, *Electrical Engineering*, VSLab@NTHU.  
Advisor: Prof. Min Sun  
○ Neural architecture search.
- 2016–2017 **Research Assistant**, *Computer Science*, NMSL@NTHU.  
Advisor: Prof. ChengHsin Hsu  
○ Fog Computing for Distributed Applications.
- 2016–2017 **Research Assistant**, *Industrial Engineering and Management*, NCTU.  
Advisor: Prof. WenChih Chen  
○ Optimizing Julia code for performance.
- 2016 Summer **Research Assistant**, *Institute of Information Science*, Academia Sinica.  
Advisor: Prof. BowYaw Wang  
○ Implementing graph algorithms using Scala, Spark and GraphX.
- 2015 Summer **Student Partner**, *Microsoft*, Taiwan.  
○ Developing applications on Universal Windows Platform.  
○ Actively involved in online communities, sharing experience and knowledge with fellow student.

## Awards

- August 2018 **2<sup>nd</sup> Place**, *ECCV 2018 PIC Challenge*.  
The 1st Person in Context (PIC) Workshop which focuses on estimating human-centric relations.
- March 2018 **Outstanding Student Award x 1**, *National Tsing-Hua University*.  
Awarded to students with top GPA.
- Oct 2017 **First Prize**, *MeiChu Hackathon 2017*, IJoinG.  
A double-shopping social app.
- Oct 2016 **First Prize**, *MeiChu Hackathon 2016*, Asus.  
A deep learning application based on Internet of Vehicles that makes roads safer.

## Publications

- ICCAD 2018 **Searching Toward Pareto-Optimal Device-Aware Neural Architectures**.  
A. Cheng, J. Dong, C. Hsu, S. Chang, M. Sun, S. Chang, J. Pan, Y. Chen, D. Juan, W. Wei
- ECCV 2018 **Visual Relationship Prediction via Label Clustering and Incorporation of Depth Information**.  
Workshop H. Yang, A. Cheng\*, K. Ho\*, T. Fu, C. Lee
- ECCV 2018 **DPP-Net: Device-aware Progressive Search for Pareto-optimal Neural Architectures**.  
J. Dong, A. Cheng, D. Juan, W. Wei, M. Sun
- ICLR 2018 **PPP-Net: Platform-aware Progressive Search for Pareto-optimal Neural Architectures**.  
Workshop J. Dong, A. Cheng, D. Juan, W. Wei, M. Sun
- CloudCom 2017 **Supporting Internet-of-Things Analytics in a Fog Computing Platform (Best Paper Award)**.  
H. Hong, P. Tsai, A. Cheng, and C. Hsu
- APNOMS 2017 **Distributed Analytics in Fog Computing Platforms Using Tensorflow and Kubernetes**.  
P. Tsai, H. Hong, A. Cheng, and C. Hsu