

JIACHEN ZHONG

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PROFESSIONAL EXPERIENCES

- **Algorithm Engineer** *6/2020 - present*
AI Lab of SAIC Motor, Shanghai
 - Vision perception algorithms for L2/3 ADAS, L4 Robotaxi, and DMS.
- **Graduate Student Researcher** *4/2019 - 6/2019*
Cuneiform Digital Library Initiative at UCLA, Los Angeles
 - Worked on error detecting functions of an open source CDLI ATF checker, PyOracc.
- **Software Engineer Internship** *6/2017 - 8/2017*
NetEase, Beijing
 - Worked on the backend of news web crawlers and automatic news push system.
- **Research Assistant** *6/2016 - 4/2018*
UCLA-MPI Joint Research Center in Ubiquitous Computing, Macao
 - Deep learning based social network fashion popularity analysis.
 - Real-time portable environmental monitoring system

PROFESSIONAL INTERESTS

- **Autonomous Driving:** Vision perception solutions for production-level autonomous driving.
- **Machine Learning:** monocular 2/3D perception, unsupervised learning, generative modeling, adversarial learning, optimization.

EDUCATION

- **University of California, Los Angeles (UCLA)** *2018 - 2020*
Master of Science in Computer Science, GPA: 3.90/4.0
Advisor: Prof. Cho-Jui Hsieh
- **Macao Polytechnic Institute (MPI)** *2014 - 2018*
Bachelor of Science in Computing, GPA: 3.64/4.0 (Top 1)
Advisor: Prof. Rita Tse

PAPERWORKS

- **Jiachen Zhong**, Xuanqing Liu, and Cho-Jui Hsieh. Improving the Speed and Quality of GAN by Adversarial Training. arXiv preprint arXiv:2008.03364, 2020.
- **Jiachen Zhong**. Towards Fast and Stable GAN via Free Adversarial Training. Master Thesis, UCLA, 2020.
- **Jiachen Zhong**, Rita Tse, Gustavo Marfia, Giovanni Pau. Fashion Popularity Analysis based on Online Social Network via Deep Learning. *The 11th International Conference on Digital Image Processing (ICDIP)*, 2019.

PROFESSIONAL SKILLS

- **Programming Languages:** Python, SQL, JavaScript & Node.js, Java, LaTeX

- **Packages & Tools:** PyTorch, MXNet, TensorFlow, Docker, Sklearn, Git

HONORS, AWARDS AND CERTIFICATES

- **IET Chartered Engineer (CEng)** *2018*
- **Henry Fok Foundation Scholarship** *2018*
- **The IET Prize 2018** *2018*
- **Nam Kwong Education Scholarship** *2017*
- **Second Place in International ICT Innovative Services Awards** *11/2016*
- **Bronze Prize in China Chuang Qing Chun College Students Entrepreneurship Competition** *5/2016*
- **Bank of China Scholarship** *2016*
- **Macao Foundation Scholarship** *2014 - 2018*