

# Jiachen Zhong

Master Student in Computer Science at UCLA

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## EDUCATION

### Master of Science in Computer Science University of California, Los Angeles (UCLA)

09/2018 – 06/2020

GPA: 3.86/4.00 (by Winter 2019)

### Bachelor of Science in Computing Macao Polytechnic Institute (MPI)

08/2014 – 06/2018

GPA: 3.64/4.00

*Projects, Honors, and Awards (Selected)*

- Graduated with the highest GPA among graduating class.
- Graduation project and thesis: Analyzing Fashion Trend Using Machine Learning.
- Student mentor of freshman in 2017, 2018.
- Received 5 scholarships with about \$18,000 in total.

## EXPERIENCES

### Development Engineer Internship NetEase

07/2017 – 08/2017

Beijing, China

*Main Achievements/Tasks*

- Established, tested, and maintained several crawlers to fetch news on the Internet for auto push news systems.

### Undergraduate Research Assistant UCLA-MPI Joint Research Center in Ubiquitous Computing

06/2016 – 05/2018

Macao, China

*Main Achievements/Tasks*

- Developed Sounds Collection Device with TES-1352S Sound Level Meter.
- Researched how to utilize Deep Convolutional Neural Network to judge the quality of fashion images.
- Student mentor in UCLA Summer Research Work in 2017, 2018.

### UCLA Summer Research Work UCLA Network Research Lab

08/2016

Los Angeles, USA

*Main Achievements/Tasks*

- Designed and implemented an Android chat application and server-side codes with Java RMI.

## SKILLS

Python JavaScript Node.js Java TensorFlow

Linux MySQL PyTorch Docker Git SQL

NoSQL C Sklearn Raspberry Pi Android

## PROJECTS (SELECTED)

### Data Augmentation by using GAN (02/2019 – 03/2019)

- Attempted to build Generative Adversarial Networks (GAN) to perform data augmentation.

### Paper Classification on Citation Networks by Using Asymmetry Relation Design (02/2019 – 03/2019)

- Attempted to utilize the asymmetry relation design in probabilistic graphical models to perform classification on paper topics.

### Probabilistic Database System (09/2018 – 12/2018)

- Built a Probabilistic Database on MySQL with Lift Inference Rule, Direct Sampling, and Brute Force functions in Python.

### Analyzing Fashion Trend Using Machine Learning (09/2017 – 05/2018)

- Bachelor Degree Final Year Project.
- Implemented crawler via Node.js to collect over 2 million fashion data.
- Trained CNNs to rate the quality of those fashion images.

For more info about projects, welcome to my websites.

- Personal Site: [julightzhong10.github.io/about/](http://julightzhong10.github.io/about/)
- GitHub: [github.com/julightzhong10](https://github.com/julightzhong10)
- Kaggle: [www.kaggle.com/julightzhong10](https://www.kaggle.com/julightzhong10)

## HONORS AND AWARDS (SELECTED)

Membership of the Institution of Engineering and Technology (IET) (2014 – Present)

IET Chartered Engineer (CEng) (06/2018)

The IET Prize (2018)

Bronze Prize in China "Chuang Qing Chun" College Students' Entrepreneurship Competition (11/2016)

Second Place in International ICT Innovative Services Awards (InnoServe Award) (05/2016)