

# ZIAN KE

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## OBJECTIVE

Applying for 2018 summer internship

## EDUCATION

### University of Michigan

*Bachelor of Computer Science* GPA: 3.8/4.0

Ann Arbor, MI

September 2017-April 2019

### Shanghai Jiao Tong University

*Bachelor of Electronic and Computer Engineering* GPA: 3.5/4.0

Shanghai, China

September 2015-July 2019

## WORK EXPERIENCE

### Huawei Technologies Co., Ltd.

*Full-Stack Web Developer*

Shanghai, China

April 2017-December 2017

- As team leader, developed an Online Appraisal System for an executive at Huawei, where admins can create and sell questionnaires; employers can send them to employees and get appraisals
- My contribution: [Front end] Bootstrap, jQuery, [Back end] CodeIgniter, MySQL, [Server] Alibaba Cloud, LAMP stack (Linux/Apache/MySQL/PHP)

### University of Michigan Chinese Students and Scholars Association

*Full-Stack Web Developer*

Ann Arbor, MI

January 2018-Present

- As team leader, developing two apps, Rate My Professor and Secondary Market, for um-cssa.org
- My contribution: [Front end] React, [Back end] Flask, SQLite, [Server] AWS, Nginx

### University of Michigan – Shanghai Jiao Tong University Joint Institute

*Full-Stack Web Developer*

Shanghai, China

February 2016-October 2016

- Developed the Teaching Assistant Recruitment System for UM – SJTU Joint Institute, which enables students to submit applications for teaching assistants and professors to process the applications
- My contribution: [Front end] jQuery, [Back end] CodeIgniter, MySQL

## PROJECT EXPERIENCE

*Personal Website* [kezian.me](http://kezian.me)

January 2018-Present

- Displaying detailed introductions and images of my projects
- Developed by myself using [Front end] Bootstrap, jQuery, [Back end] Flask, SQLite, [Server] AWS, Nginx

*Fingerprint Recognition*

March 2017-August 2017

- Conducted fingerprint recognition based on deep learning using Python and TensorFlow
- Achieved 90% accuracy of fingerprint minutiae extraction

*Beverage Serving Robot*

May 2016-August 2016

- As team leader, created a robot controlled by an Android app to add beverage for guests
- My contribution: Arduino Programming, Android app development, Bluetooth module configuration
- Won the Best Innovation Award at UM-SJTU Joint Institute 2016 Summer Design Expo

## COMPUTER SKILLS

Languages: C/C++, MATLAB, HTML, CSS, JavaScript (jQuery, React, Redux), PHP, SQL, Python, Java, C#

Applications: Git, SolidWorks, Adobe Premiere Pro, After Effects, Audition

## ACTIVITIES

- UM Chinese Students and Scholars Association Publicity Department September 2017-Present  
Made a video to celebrate the Chinese National Day (5M+ views)
- UM – SJTU Joint Institute Soccer Team September 2015-December 2015  
Won the championship of Freshmen Cup
- Shanghai High School “Creativity, Practice, Service” Project October 2012-May 2014  
As team leader, popularized classical music by means of school broadcast, lectures and apps