ZIAN KE

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EDUCATION

University of Michigan   Ann Arbor, MI
Bachelor of Computer Science   September 2017-April 2019
GPA: 3.8/4.0

Shanghai Jiao Tong University   Shanghai, China
Bachelor of Electronic and Computer Engineering   September 2015-July 2019
GPA: 3.5/4.0

WORK EXPERIENCE

Huawei Technologies Co., Ltd.   Shanghai, China
Full-Stack Web Developer   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   Ann Arbor, MI
Full-Stack Web Developer   January 2018-Present
- As team leader, developing two apps, Rate My Professor and Secondary Market, for um-cssa.org to give benefits to UM Chinese students
- My contribution: [Front end] React, [Back end] Flask, SQLite, [Server] AWS, Nginx

University of Michigan – Shanghai Jiao Tong University Joint Institute   Shanghai, China
Full-Stack Web Developer   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   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