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, which enables employers to send questionnaires to employees and give appraisals
- Developed the front end using Bootstrap and jQuery
- Developed the back end using CodeIgniter
- Built the server on Alibaba Cloud using LAMP stack (Linux/Apache/MySQL/PHP)
- Implemented the functions of creating and sending questionnaires, managing employee list and appraisal results, etc.

University of Michigan – Shanghai Jiao Tong University Joint Institute Shanghai, China
Front-End Web Developer February 2016-October 2016
- As team leader, developed the front end of the Teaching Assistant Recruitment System of UM – SJTU Joint Institute
- Participated in the back-end development of the Teaching Assistant Recruitment System
- Implemented the functions of students' submitting applications and professors' processing applications

PROJECT EXPERIENCE

Shanghai Jiao Tong University Shanghai, China
Fingerprint Recognition March 2017-August 2017
- Conducted a research project on fingerprint recognition based on deep learning
- Used TensorFlow and Python as developing tools
- Achieved 90% accuracy of fingerprint minutiae extraction

Beverage Serving Robot May 2016-August 2016
- As team leader, created a robot that can add beverage for guests
- Programmed the robot using Arduino and controlled it with a Bluetooth module and an Android app
- Won the Best Innovation Award

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-April 2014
  As team leader, popularized classical music by holding lectures and developing apps