SHENGTING CAO

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EDUCATION

The University of Alabama	**Tuscaloosa, AL**
Bachelor of Science in Computer Science	**May 2019**
Minor: Advertising	**GPA:3.79/4.0**

President's List (Spring 2017), Dean's List (Fall 2016, Fall 2017)

STUDY ABROAD

Changchun University of Science of Technology (CUST), Changchun, China **Sep 2013- Jun 2015**
- Advertising

TECHNICAL SKILLS AND INTERESTS

Computer Languages: C/C++, SQL, JAVA, HTML, PHP, SQL, C#, Swift, Objective-C
ECE Design Software: PCB Artist, MPLAB, Quartus II
Game Design Software: Unity, Adobe Photoshop, Adobe Premiere
Song Write Software: Vocaloid, FL studio

WORK AND TEACH EXPERIENCE

Teaching Assistant and Tutor in ENGenuity LAB **Sep 2018 – Present**
The University of Alabama, Tuscaloosa, AL
- Instructed lab section for CS2
- Answered programming assignment questions and helped students understand concepts

Developer Internship, Gongbing Technology (Startup Company) **May – Aug 2018**
Gongbing Technology, Shenzhen, China
- Developed and integrated Voice Recognition and Facial Recognition into existing software
- Created and documented the Voice Recognition and Facial Recognition API

PROJECTS

Database design of "UAMovie.com" **Sep – Nov 2018**
- Designed EER diagram, Data Flow Diagram
- Implemented SQL and PHP for a ticket sale website

Message Board online application **May – Jun 2018**
- Implemented a forum-like message board with PHP and HTML
- Applied the code to a Google Cloud Platform server

Data Structure Implementation **Jan – May 2018**
- Implemented API of Data Structures (eg. AVL tree, Red Black tree) in C from scratch.

PIC24 microcontroller programming **Jan – May 2018**
- Used PCB Artist to design the RGB LED circuits; programmed with assembly language and C

LEADERSHIP AND VOLUNTEERING

Vice President of The Association of Chinese Students and Scholars, UA **Sep 2017 -present**
- Organized structure and increased ties with other similar organizations

Publicity director of The Association of Chinese Students and Scholar, UA **Sep 2016 – Sep 2017**
- Publicized Chinese culture on campus by designing website and hosting campus events

Al's Pals Mentoring Program, Tuscaloosa **Aug – Dec 2016**
- Mentored local elementary school students every week about Math and English

Psychology Mentor of Students Enroll in 2013, CUST **Sep 2013-2015**
- Coordinated social and educational events

HONOR AND AWARD

The Golden Key International Honour Society
First prize of the 7th Chinese College Advertising Competition
Masterpiece award of the 13th Chinese College AD Campus Competition