**Chen Weigen |** April 26th, 2001 | Tel: 86- 18188381857

8# Chuangye South Rd, Fucheng District, Mianyang, 621000, Sichuan, China

**EDUCATION BACKGROUND**

**University of Electronic Science and Technology of China**  Sep 2019 – Jun 2023

* School of Information and Software Engineering; Software Engineering (Embedded) Elite program
* Cumulative weighted GPA: 86.55/100; 3.87/4.0
* Scholarship: UESTC University Academic Model Scholarship, September 2021, 2020

**INTERNSHIP EXPERIENCE**

**SAP Company | Software Engineer | CoE\_GCN\_Cloud UX & Security | Chengdu** Aug 2022 – Now

* Participated in the design and development of the man-hour entry and management system, and fingerprint

system for Asian Infrastructure Investment Bank (AIIB)

* Developed file upload system independently based on the company internal UI5 modules in a short time

**Hangzhou Datadream Technology | Software Engineer | Hangzhou, China**  Feb – Jul 2022

* Developed authentication-required customer rental system based on the company internal React+ modules
* Applied hooks + ahooks to make the codes clear and normative, addressed the upload problem
* Changed events, and optimized user experience by adding animations while waiting for data upload
* Completed the label category display system, used G6 and Echarts to exhibit tag’s categories and attributes
* Achieved intelligent human-computer interactions by adding an AI chatting system and FAQ section

**RESEARCH EXPERIENCE**

**NUS (National University of Singapore) Machine Learning Research Program**  Feb – Mar 2022

* Studied profoundly about machine learning, especially several kinds of machine learning algorithms
* Applied Python to design a system that can detect traffic lights and signs based on the frame consisting

Gaussian Blur, hog feature processing, and knn training model, and achieved an accuracy of 99%

**Development of the university student grade management system**  Dec 2020

* Applied the C/S frame to display related information, collect and process user information
* Implemented functions including search grades for students with the course numbers, add/drop classes and

grades for instructors with the student numbers, and edit user information for administrators

* Took advantage of my software programming skills with the use of MVC design pattern to finish the work

**Design and development of a quadcopter aircraft**  Sep 2020 – Feb 2022

* Developed a quadcopter aircraft based on STM32 and designed the frame for all moving components
* Completed the design and programming of PCB board and the transplant of UCOSII operation system
* Participated in the Student Innovation Competition and displayed in the school promotion video

**Development of a face recognition system for exam registration and monitoring** Dec 2019 – Jan 2020

* Applied OpenAI’s API to help finish the face recognition system to simplify the exam registration and to

monitor the cheating behaviors during the exams

* Added Chinese Language package based on the original program package to diversify the user interface

**HONORS AND AWARDS**

* National University of Singapore, School of Computing Summer Workshop Merit Scholarship Aug 2022
* 3rd Class Price, UESTC 2021 University English Speech Contest Sep 2021
* UESTC University Academic Model Scholarship, September 2021,2020 Sep 2020&2021
* 2nd Class Prize, Sichuan Provincial Computer Architecture Design Competition Aug 2021

**EXTRACURRICULAR ACTIVITIES**

**2021 Chengdu-Chongqing United Nations Model Conference**  May 2021

* Attended the conference as the representative of Italy to discuss topics on global equity in education and

was rated to be the outstanding representative

**2020 UESTC Summer Teaching Program in Sichuan**  Jun – Aug 2020

* Served as a voluntary summer English and science teacher at Liangshan Yi Autonomous Prefecture

**PERSONAL SKILLS AND QUALIFICATIONS**

* Computer: closely familiar with C, Python, STM32, MATLAB, PostgreSQL, and HTML/CSS/JS/REACT
* Media Design: proficient in media design and content writing with PR and Photoshop, and photography
* Others: advanced English ability; Level-5 Certificate of Violin Player