**Qi Sun**

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**EDUCATION**

**Xi’an Jiaotong University 09/2020-06/2024**

Bachelor of Engineering in Software Engineering GPA：3.1/4.3; Major GPA: 3.7/4.3

**ACADEMIC EXPERIENCE**

**Study on Automatic Style Conversion of Road Scene Video Pictures Advisor: xx 11/2021-04/2023**

*National level, Group member*

Objective: Aim to combine style transfer with panorama pictures and panoramic videos to realize good user experience through panoramic roaming; provide rich web functions to realize real-time style transfer of pictures and videos uploaded by users.

* Screened out thestyle transfer algorithm based on VGG19 deep learning network after studying xx papers on deep learning and stylization;
* Reduced the loss value of styles like Van Gogh’s oil painting by about 20% compared with the theoretical value of the papers by improving the style loss function;
* Used SpringBoot framework to build the back end of the website, MySQL to build the database of the system, and constantly optimize and expand the function of the system;
* Software copyright is expected

**Study on Visual Configuration of Intelligent Switches and Electric Appliance Connections 10/2022-04/2023**

*Advisor: xx* *National Level, Group leader*

Objective: aim to realize the smart home at a low cost by introducing a relatively low-cost intelligent module to control traditional household appliances.

* Responsible for the overall project planning and implementation, to ensure the completion of project targets on time; practiced abilities such as leadership, time-management, cooperation and communication, organization, etc
* Established communication protocol database by collecting and studying communication protocols of various brands; built hardware framework by using of Arduino and Keil to write hardware code; built Android apps using Android Studio; built MQTT servers using Aliyun;
* Xx patent is expected

**Virtual Logistics Management System Design Advisor: xx xx/xxxx**

*Group leader, software engineering comprehensive training course design*

* Finished back-end separation based on SpringBoot+Vue+ElementUI and got A+ grade;
* Simulated the logistics management system to achieve main functions of the basic data module, query statistics module, market management module, distribution management module, financial management module, etc.

**Campus Activity Management System Design Advisor: xx xx/xxxx**

*Group leader, software system and analysis comprehensive training course design*

* Developed campus activity management system to provide convenient and unified activity management platform for teachers and students;
* Realized functions such as campus activity calendar management, activity list management, my activity management, personalized preference management, etc.

**INTERNSHIP EXPERIENCE**

**成都上程数据有限公司，开发岗 05/2023-06/2023**

做基于区块链的银行汇票数字系统

**实习2：报名华为的半科研-6月份看进一步消息**

**HONORS & AWARDS, EXTRACURRICULAR ACTIVITIES**

Xx, The xxth Lanqiao Cup National software and Information Technology Professionals Competition 04/2023

Third-class Scholarship, Xi’an Jiaotong University 09/2022

Third Prize, Xi’an Jiaotong University Tengfei Cup Innovation and Entrepreneurship Competition 03/2022

Provincial Bronze Award, Internet+ College Student Innovation and Entrepreneurship Competition 08/2022，xx/2023

Provincial Third Prize, National College Students Mathematical Contest in Modeling 08/2022, xx/2023

Excellent Student Scholarship of Alumni Association of Xi’an Jiaotong University in Hainan Province 09/2020

Volunteer Teaching Activities in Xizang, Summer Vacation Volunteer  06-08/2021

* Taught middle school students chemistry and history, wrote press releases, etc.

**ADDITIONAL INFO**

**Programming Language:** C, C++, Java, Python

**Mastered software:** PyCharm, Intellij IDEA,Visual Studio Code, Android studio, Arduino, Keil, MySQL

**Interests:** fond of playing folk guitar (amateur 7), playing basketball, climbing, cycling, etc.