

Sitao(Charlie) Tong

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Education

The Ohio State University, Columbus, Ohio **2021/08-now(Graduate in 2023/07)**
B.S in Computer Science and Engineering (Transfer)

Zhejiang University of Technology, Hangzhou, China **2018/09-2021/09**
B.S in Software Engineering; GPA 3.6

Courses: Operating System, Computer Networks, AI, Algorithms and Data Structure

Project

Location Based Campus Activity System **2021/01-2021/02**
(4 people) leader-database design; Backend; Document

A web application that manage the activity on campus. It shows the location of the event on map and user can create new event, register and check-in, check-out or make comment for the event;
It is web project develop with **Java** based on **SSM** (Spring+SpringMVC+Mybatis), the database was deployed on **AWS**, and image data was stored in **AliyunOSS**. Cooperate and managed with **Github**.

(Personal) Earthquake SOS Car **2020/07-2020/08**

An SOS car make it way out of the dangerous place, cry for help, recognize rescue team and lead the them back to the original scene;

The controller of the car is Raspberry Pi 3, develop with **Python** under **Linux(Ubuntu)**; Recognize rescue team with Human face detection, realized in cascade classifier with **OpenCV**;

(Personal) A Local Full-text Search Engine **2019/09-2020/01**

An full-text search engine, going through the content of the file under certain directory, filter the intended object.

The engine was developed by Java, based on **Lucene** library, with a GUI developed by **Dreamwave**.

(Personal) Rating System For Show **2019/09-2020/01**

A system to manage the place, date and competitor of the show, collect and analyze scores from judges. The System was developed with **C++**, with a **LinkedList**.

Skills

- Programming Languages: Java, Python, C++/C, SQL, JavaScript, matlab, HTML
- Frameworks: Spring, SpringBoot, Git, Maven, Pytorch