Zhengyuan Wei

Resume

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Personal Information

School:	Sun Yat-sen University	Major:	Software Engineering
Birth:	1994	Education:	Undergraduate
English:	CET-6	Github:	github.com/Wsine
Homepage:	wsine.github.io	Blog:	cnblogs.com/Wsine

Computer Skills

Current Research: **Named Data Networkint (NDN) in Telematics Assisted Obstacle Detection System**.
Communication via cars and roads to each other to increase the diversity of the car to obtain data, Improving intelligent car obstacle avoidance effect. With the deepening of the properties of the Smart car, the preview development direction will face hardware bottlenecks. Apply efficient and accurate named data networking communication protocol to vihicle obstacle detection system, build an innovative smart car obstacle avoidance system model and improved deficiencies of existing Smart car obstacle avoidance.

App Development: **Computer Vision Based Intelligent Cloud Album App**.
There is a growing demand for increased camera, but not for a good photo collation services. The app's design is characterized by the development of computer vision based on image automatic classification, semantic search and other functions. Better able to meet the new demands of photo applications.

Web Development: **Four in the Morning Online Job Submission System**.
Have you ever seen four o'clock campus it? As a Computer Science student, sleep before four o'clock should be ashamed. The project originated from the mobile Web application design, following a REST API development principles, using materialize design and Ajax interface to implement this submission system.

Win32 Development: **RFID Reader-based UpperMonitor Software**.
It is a project of course internet of things. Aims to help students learn about the development of internet of things applications. It use MFC technology to develop a desktop application, with reader and database interaction. As for myself, it is my biggest harvest of windows programming project.

Web Development: **SAE Self Cloud Printer**.
This project is a carnival competition. It aims to let students print files they need through a common printer and SAE, and do not need to insert or remove a U disk. Core hardware is just a Raspberry Pi board and a printer.

*The source code is published on Github, develop with IDE,CLI,Git,Regular Expressions skillfully

Awards

2015.05.27	2015 SYSU ACM Programming Contest Third Prize
2015.11.15	SYSU SMIE Engineering Carnival Second Prize
2013-2015	SYSU Outstanding Students Third Schorlarship(twice)
2013-2014	SYSU Excellent League Member

Experience

2016.2-Now	Teaching Assitant, Algorithm Design
2016.2-Now	Teaching Assitant, Digital Signal Processing and Control

Self Evaluation

- Seek to improve work efficiency, advocating Pomodoro and agile development principles
- Follow Github on open source technology and try to deploy and run it