Zhengyuan Wei

Resume

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Personal Information

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

Web Development: **Four in the Morning Online Job Submission System**.
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. I took charged of the message module.

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.

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.

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 carry an 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

2016.05.22	2016 SYSU ACM Programming Contest Second Prize
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

2016.2-2016.6 Teaching Assitant, Algorithm Design

2016.2-2016.6 Teaching Assitant, Digital Signal Processing and Control

2016.7-2016.8 **Huawei Internship**.
Take charged of the development of Three Cloud O&M System. Learn how to build and develop Spring and MyBatis Frame. Be more powerful of project architecture construction. Be responsible for a full stack engineer with a deeper understanding of the needs analysis.

2016.9-2016.10 **2016 World Robot Conference Unmanned Racing**.
Cooperating with DONGFENG MOTOR CORPORATION, take charge of the development of underlying control layer, construct the software architecture of IPC and implement the control flow of multi-thread concurrency.

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