Jingtao YAO

PERSONAL DATA

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EDUCATION

SEPT 2013-Current | SHANGHAI JIAO TONG UNIVERSITY, China
B.S., Computer Science (ACM Honor Class)

RESEARCH EXPERIENCE

JUL 2015-Current | Studies in Application of crowdsensing
Mentor: Weijia Jia
Studied the allocation and pricing of sensing tasks in crowdsensing system.
Built a system for crisis management using crowdsensing and social network.

PROJECT EXPERIENCE

DEC 2015 | A Linux kernel module for hiding processes
Implemented a Linux kernel module with the method of hooking syscall to hide the processes.

APR 2015-MAY 2015 | A simple C compiler using Java
Implemented a C compiler which supported C89 complexity struct and pointer without pre-compile instruction.
Use the compiler structure like LLVM and output the MIPS instruction.

JUL 2014 | Examination system for computer-based testing
Implemented a examination system include the teacher end and the student end.
Using Qt to create GUI and network transmission.
Using Win32 API to create a firewall(just like a packet filter) to prevent students access to the Internet.

JUL 2014 | An Texas Hold'em Poker AI
Implemented a AI using the probabilistic method and analysing the opponents' strategy to play Texas Hold'em Poker with other AIs.

TEACHING EXPERIENCE

SEPT 2015-JAN 2016 | Teaching Assistant in Data Structure Class

HONORS AND AWARDS

2014 & 2015 | Academic Excellence Scholarship
2011 | Bronze Award in the National Olympiad in Informatics
2012 | First Prize in the Chinese Mathematical Olympiad in Senior

Computer Skills

Programming: C, C++, Java, Pascal, Verilog HDL, LaTeX, Matlab, Prolog, Qt, GoLang