

Wenjie YANG

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EDUCATION

2013 - 2017	SHANGHAI JIAO TONG UNIVERSITY	Shanghai, CHINA
	<i>B.S. in Computer Science</i> GPA:87.2/100, 89.78/100(major) TOEFL: 97 GRE: 149+170+3.0	
	Awards & Scholarship: SJTU 2nd-Grade Scholarship 2014	
	National Olympiad Informatics in Jiangsu Province 1st Prize 2010	
2016 - 2016	HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY	Hong Kong, CHINA
	<i>Semester Exchange Student</i>	

EXPERIENCE

Shanghai, CHINA	Yitu Technology <i>Software Development Engineer</i>	2016.11 - 2016.12
	Develop a distributed system for large scale face-recognition system, used in Customs, etc.	
Shenzhen, CHINA	Tencent Technology <i>C++ Back-End Engineer</i>	2016.7 - 2016.9
	Build a large-scale digital distribution platform, especially focus on server of the on-line system.	
Hong Kong, CHINA	PRIME Lab <i>Research Assistant</i> Director: Charles Zhang	2016.2 - 2016.5
	Build a pointer analysis tool for C/C++ programs powered by LLVM; Develop inter-function pointer analysis using Z3 solver.	

PROJECTS

2016.APR - PRESENT	Servo RUST, OPEN SOURCE PROJECT A modern, high-performance browser engine designed for both application and embedded use; Implement javascript bindings, development tools and GUI program on OSX,
2016.SEP - PRESENT	TiKV RUST, OPEN SOURCE PROJECT Implement the Raft Consensus algorithm for the distributed Key-Value database Implement development tools for Multi-Version Concurrency Control(MVCC) Key-Value scanning.
2016.JAN - 2016.FEB	SimpleDB DBMS JAVA, INDIVIDUAL PROJECT A classic database management system in Java Support for various query processing operators, as well as transactions, locking, and concurrent queries.
2016.JUL - 2016.AUG	OAT Language Compiler OCAML, INDIVIDUAL PROJECT A Java-like language powered by LLVM Lite IR, which is a subset of LLVM Design a static analysis framework to support analysis and optimization.
2015.MAR - 2015.JUN	YOS Kernel C, ASM, INDIVIDUAL PROJECT An exo-kernel style operating system kernel. Experience with bare metal programming; Support preemptive scheduler with Round-Robin algorithm; Create symmetric multiprocessing system

SKILLS

PROGRAMMING LANGUAGES	Advanced:C/Python/Rust/Scala, Immediate: Haskell/C++
LANGUAGES:	Native speaker of Chinese, Fluent speaker of English
INTEREST:	Board Game, Swimming, Photography