WENJIE YANG

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🎓 EDUCATION

Shanghai Jiao Tong University (SJTU), Shanghai, China   2013 – Present
B.S. in Computer Science (CS), expected June 2016

👥 EXPERIENCE

ADAPT Lab Shanghai, China   2015 – 2015
Research Intern   Director: Kenny Zhu

PRIME Lab HongKong   2016 – 2016
Research Intern   Director: Charles Zhang

Tencent Shenzhen, China   Jul. 2016 – Sep.2016
C++ Back-End Engineer

YOS Kernel   Mar.2015 – Jun.2015
C, ASM   Individual Projects

An exokernel style operating system kernel.

- Experience with bare metal programming.
- Create a Round-Robin scheduler to run multiple proesses on a single processor
- To support multi-processor, create symmetric multiprocessing system

OAT Language Compiler   Jul.2015 – Aug.2015
OCaml   Individual Projects

An OOP programming language compiler

- Build a LLVMLite IR for this language, which is a subset of LLVM.
- Desgin a static analysis framework to support analysis and optimization.

SimpleDB DBMS   Jan.2016 – Feb.2016
Java   Individual Projects

- Implement strict two-phase locking protocol
- Support rollback and recovery

Servo   May.2016 – Present
Rust Developer   Open Source Projects

- A modern, high-performance browser engine written in Rust.
- Implement communication protocol with Firefox Devtools

⚙ SKILLS

- Programming Languages: C/Python/Rust/Scala/Haskell/C++
- Platform: Linux/OSX
- Development: Program analysis, Functional programming, Distributed system

ℹ MISCELLANEOUS

- GitHub: https://github.com/mrmiywj
- Languages: English - Fluent, Mandarin - Native speaker, Wu Chinese - Native speaker