Junhui ZHU

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INTRODUCTION

Having intensively read the CS:APP and OSTEP and finished almost all the labs, I am familiar with x86-64 and RISC-V. I find that I am interested in System Programming. Now I'm planning to rewrite the xv6-riscv with Rust or Go. By the way, I am also good at Web Development. I usually write Web Server in SpringBoot.

EDUCATION

Shanghai Jiao Tong University (SJTU), Shanghai, China   2018 – Present
B.S. in Engineering, expected June 2022

EXPERIENCE

Summer Web Project   July 2020 – Sep. 2020

Java, JavaScript, MySQL   Group Projects

A interest-based Internet community.

- Cached by Redis
- Deployed by Docker
- Written in React and Spring Boot

Compiler for Seal   Sep. 2020 – Jan. 2021

C++, Flex-Bison   Individual Projects

The compiler will translate Seal programs into x86-64 assembly program.
Seal is a simple procedure-oriented language similar but much simpler to C.

- Only four data types: Int, Float, String, and Bool
- Everything stored in 8-byte size
- No array or struct in Seal
- All variables have to be declared before function calls

A simplified OS like xv6   Feb. 2021 – Present

Rust or Go   Individual Projects

- Planning to write in RISC-V

SKILLS

- Programming Languages:
  - Over 3000 lines: Java >= C++
  - Very familiar in C
  - Write scripts in Shell
- Platform: Linux

MISCELLANEOUS

- Blog: http://zhujunhui.com
- GitHub: https://github.com/n1ujunhui
- Languages: English - Fluent, Chinese - Native speaker