

Enzo Zhu

Present Address

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Current Position Student at the Department of Computer Science, University of Science and Technology of China (USTC).

Interests My research interests lie at the intersection of verification techniques in computer systems or softwares.

Education **Hong Kong University (HKU)**, Hong Kong Summer 2021
Internship
Worked on an implementation of trusted accelerator execution in ARM trustzone
Advisor: Heming Cui

University of Science and Technology of China (USTC), Hefei, China 2018 - 2022
B.S. in Computer Science

Awards Third Prize in National Computer System Contest in Compiler Designing 08/2021
Second Prize in National Computer System Contest in Chip Designing 08/2020

Work Experience Part-time Computer Programming TA in USTC Sep-Dec 2020
Part-time Principles and Techniques of Compiler TA in USTC Sep-Dec 2021

Project Experience **Bazinga Compiler** https://github.com/misakihanayo/bazinga_compiler 08/2021
I worked in a team on a compiler to translate code from sysc language to arm-v8 assembly code. Within this project, I implemented the lexer, the parser, part of the middle IR, several optimization passes, part of the lower IR and the code generator.

ustc-nscsc-2020-1 <https://github.com/misakihanayo/ustc-nscsc-2020-1> 08/2020
I worked in a team on a 5 stage MIPS Chip. Within this project, I implemented the MEM stage, the exception module, the TLB and the instruction and data cache.

FPGAOL 07/2019-12/2019
I worked in a team on a web system to provide online FPGA support for the collage digital circuits labs.