

Yanming Zhang

Zhejiang University, China

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Personal Profile

- Zhejiang University, 3rd Year Undergraduate Student
- major: Computer Science
- Interested in computer vision and some other AI fields, having a research experience in web development, detection and analysis of two-dimensional images.

Education

Zhejiang University

Bachelor in Computer Science

Hangzhou, China

September 2020 - present

- GPA : 3.88/4(89.33/100)
- Rank : 18/82
- Major Courses :
Math : Linear Algebra, Mathematical Analysis, Probability Theory, etc.;
Computer Science : Data Structure, Computer Architecture, Operating System, Database system, Computing Theory etc.;

University Projects

Minisql

Zhejiang University

Zhejiang University

April 2022 - May 2022

- Database Course: Designed a database system named "minisql" using c++ program language, which can complete various functions such as select, adding and deleting records, adding and deleting attributes and so on.(The key point is on the creation and maintenance of B+ tree)

Operating System

Zhejiang University

Zhejiang University

Oct 2022 - Dec 2022

- Designed and implemented a small operating system based on qemu. It implements the creation and switching of process and thread, the reading and execution of elf file, the separation of kernel state and user state, and some important system call such as fork and so on.

Computer Architecture

Zhejiang University

Zhejiang University

Oct 2022 - Dec 2022

- Designed and implemented a five-stage pipelined CPU, as well as some more advanced functions of modern cpus such as multiple issue and out-of-order execution using Scoreboard and Tomasulo algorithm.

Computer Network

Zhejiang University

Zhejiang University

Oct 2022 - Dec 2022

- Designed and implemented a network structure including physical layer, data link layer, network layer, transport layer and application layer.

Achievements

2022.11 **Zhejiang Provincial Government Scholarship,**

Zhejiang University

2022.11 **Zhejiang University second-class Scholarship,**

Zhejiang University

2022.10 **First-class scholarship for students in basic disciplines,**

Zhejiang University

Languages

English Chinese College English Test 580/710

Skills

Programming C/C++, SQL, Python, Java, Verilog

Miscellaneous Linux/Windows OS, Latex, Git, Cmake, makefile, Qt

References available upon request.