Juyi Lin

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EDUCATION

Zhejiang University — *Sept. 2018—est. June. 2022*

Wenzhou Longwan High School — *Sept. 2015—June. 2018*

ACADEMIC PERFORMANCE

Zhejiang University

Electronic Engineering

- **GPA:** 3.86/4, 87.10/100
- **Rank**
  - 12/78, among major students
- **Course Performance**

  Signal and systems (99),Design Experiment of Intelligent Mobile System(94),Integrate Practice for Courses (93), Linear Algebra (90), Design of Digital Inetegrated Circuit(92),Digital System Design (91),Experiment of Digital System Design(91), Microcontroller-principle and Application(92),Understanding Internship(95),

EXPERIENCES

Research Lab for Computer Architecture

Zhejiang University. *Sept. 2020 — Present*

- Participated in the research on the laboratory architecture of Professor Bu Kai, College of Computer Science and Technology, Zhejiang University, with the main research direction being the acceleration of HTM.
- Implemented *gem5 experiment* . Using gem5 to simulate the connection between cache and memory

Student Research Training Program of Zhejiang University

Zhejiang University. *Feb. 2020 — Present*

- The modeling and simulation of the quantum computing cryogenic CMOS controller of the National Innovation Project of the student scientific research training project, passed the mid-term defense.
- Using simulink modeling, simulation of high - speed RF circuits. Cryogenic model simulation in Hspice.

HONORS & CERTIFICATIONS

Second-Class Scholarship of Zhejiang University — Zhejiang University

No more than 8% students awarded — *2020*

The Chinese College Students Mathematics Competitions — Zhejiang University

Preliminary Second Prize — *2019*

(National Computer Rank Examination) certificate, C language, Rank II. — Zhejiang University

good — *2019*

COURSES

- Java Application Design • Fundamentals of Data Structures • Introduction to Computing Systems(Yale Patt) • Wireless and Mobile IoT: Algorithms and Applications (UIUC summer online course 2020) • Integrate Practice for Courses (C++ Project management and engineering practice)

SKILLS

Programming Languages (frequently used): Java, C,Bash Scripts,matlab

Programming Languages (used when needed): C++, , Python, SQL

Tools: git, LaTeX

Computer Architecture Libraries/Frameworks: Gem5