

Juyi Lin

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EDUCATION

Zhejiang University
Wenzhou Longwan High School

Sept. 2018—est. June. 2022
Sept. 2015—June. 2018

ACADEMIC PERFORMANCE

Zhejiang University

Electronic Engineering

- **GPA:** 3.86/4, 87.62/100 overall, 88.8/100 major

- **Rank**

- 8/78, 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

No more than 8% students awarded

Zhejiang University

2020

The Chinese College Students Mathematics Competitions

Preliminary Second Prize

Zhejiang University

2019

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

good

Zhejiang University

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, L^AT_EX

Computer Architecture Libraries/Frameworks: Gem5