

## Juyi Lin

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## EDUCATION

**Zhejiang University**  
**Wenzhou Longwan High School**

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

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## 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 Integrated Circuit(92), Digital System Design (91), Experiment of Digital System Design(91), Microcontroller-principle and Application(92), Understanding Internship(95),

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## 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.

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## 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*

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## 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)

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## SKILLS

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

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

**Tools:** git, L<sup>A</sup>T<sub>E</sub>X

**Computer Architecture Libraries/Frameworks:** Gem5