Juyi Lin

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38 Zheda Road, West Lake District

Hangzhou, Zhejiang Province 310027

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, 87.62/100 overall, 88.8/100 major
- **Rank**
  - 8/78, among major students
- **Course Performance**

  Signal and systems (99),Design Experiment of Intelligent Mobile System(94),Data Communications and Computer Networks(94),Data Structure and Database Technique(94),Integrate Practice for Courses (93), Linear Algebra (90), Design of Digital Integrated Circuit(92),Digital System Design and Experiment(91) Micro-controller 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

Zhejiang University
Student's Academic Records

Registration No: 20195575					Student ID: 3180103721
Name: LIN Juyi	College Dept.: College of Information Science and Electronic Engineering		Speciality: Microelectronic Science and Engineering		
Sex: Male	Birthday: 02/21/2000	Birth Place: Zhejiang	Entrance Date: 09/01/2018	Graduation Date: 06/30/2022	Years of Program: 4Years

Academic Year 2018-2019

Course(1st Term)	*Cr	*Sc
Military Training	2.0	P
Introduction to Mechanics	1.5	B+
Chinese History	2.0	87
Mental Education and Resolution of Law	3.0	84
College English Band III	3.0	84
Cross-Country Orienteering (Basic Level)	1.0	98
Advanced Mathematics	4.0	88
Physics and Civilization	2.0	91
Fundamentals of Computer Science	2.0	82
modern power supply	1.5	90

Course(2nd Term)	*Cr	*Sc
Introduction to the Analysis of Public Events	1.5	95
Ordinary Differential Equations	1.0	80
Career Planning A	1.5	A
Calculus (A) II	5.0	82
Situation and Policy I	1.0	80
Sports Training and Competition (B-Level Team Rowing)	1.0	95
Study on the Frontiers of Contemporary Literature	3.0	88
Linear Algebra (A)	3.5	90
Fundamentals of C Programming	3.0	87
Modern Chinese History	3.0	92
Audio-Visual & Spoken English	1.5	81
Engineering Graphics (H)	2.5	67

Academic Year 2019-2020

Course(1st Term)	*Cr	*Sc
Introduction to computing systems	4.0	87
Complex Variable Functions & Integral Transform(Honor)	1.5	88
Understanding Internship	2.0	95
Selected Readings from Contemporary English Novels	1.5	78
Military Theory	1.5	90
Electronic Circuit Design Experiments 1	0.5	87
University Physics (A) II	4.0	80
Cross-Country Orienteering (Basic Level)	1.0	97
Solid State Physics	3.0	86
Engineering Training	1.5	83
Basics of Electronics and Circuits	5.0	90
College Physics Experiment	1.5	81
Calculus (A) I	5.0	83
Probability and Mathematical Statistics	2.5	86

Courses(2nd Term)	*Cr	*Sc
Intro to Mao Thought & Theoretical System of China Socialism	5.0	83
Microcontroller-principle and Application	3.0	92
Software Fundamentals for ICCAD	2.5	87
Classroom II : On-campus Practice Activities	4.0	A
Classroom III: Out-of-campus (Domestic) Practice Activities	2.0	A
Classroom IV: Exchange Programs in Hong Kong, Macao, Taiwan and foreign countries	2.0	P
Sports Training and Competition(C-Level Team Rowing)	1.0	100
Sports Dancing	1.0	98
Signals and Systems	4.0	99
TOEFL Writing	1.5	88
Java Application Design	2.5	88
Semiconductor Physics & Devices	3.0	87
Electronic Circuit Design Experiments II	1.0	92

Academic Year 2020-2021

Courses(1st Term)	*Cr	*Sc
Experiment of Digital System Design	1.0	91
Introduction to Information Science and Electronic Engineering	1.5	89
Engineering Graphics	2.5	94
Digital System Design	4.0	91
Program Design Project	2.0	84
Design Experiment of Intelligent Mobile System	2.0	94
Integrate Practice for Courses II	2.5	93
English Level Test	1.0	P
Smart Sensor and Sensor Network	2.0	86
General Introduction to Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era	2.0	82
Analog Integrated Circuit Design	3.0	89
Design of Digital Inetegrated Circuit	3.0	92
Fundamentals of Data Structures	2.5	88

Degree Granted:	Credits Required for Graduation: 157+8+6	Credits Obtained: 154.5

Overall GPA:3.86/4.0(87.10/100)

Dean,Undergraduate School:

Date Issued:04/22/2021