

Lixing He

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College of Automation, University of Electronic Science and Technology of China,

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Interest

Signal&image process, control.

Education

University of Electronic Science and Technology of China , Chengdu	Sep.2017-June.2021(exp)
Bachelor of Science in Automation Engineering	GPA: 90/100, rank 7/315
Core courses: Control theory, Signal and system, Circuit.	
University of California, Berkeley , CA (Exchange student)	Spring 2020
Bachelor of Science in Engineering	GPA: 4.0/4.0
Core courses: Digital signal processing, Intro to AI, Optimization model	
National University of Singapore , Singapore (Visiting student)	Winter 2017

Honors, Awards

Great student scholarship of China in UESTC,	2018, 2019
Shiqiang Bussiness scholarship in UESTC,	2019
Liren Excellent scholarship in UESTC,	2018

Project Experience

Research Internship of UC Merced, supervised by Prof. Shijia Pan	Jan.2020-Present
Active self-configuration structural vibration sensing system	
Course projects of UC Berkeley	Jan.2020-May.2020
1. Video transmitting and image compression	
2. Search, RL, MDP, classification implementation.	
3. Multiple gradient descent algorithm comparison.	
Undergraduate internship of China Academy Of Engineering Physic	July.2019-Aug.2019
Data analysis in high-energy physic	
College student innovation program, supervised by Prof. Yanjun Li	Oct.2018-April.2019
Signal detection of earth structure in well digging	
National mathematics modelling contest	Jan.2019-Sep.2019
Transportation path design, 3-d reconstruction, adaptive control.	
Campus electronic design contest	Jan,2018-April,2018
Multi-function signal generator	

Activities

Volunteer teacher in Dazhou	June.2018-July.2018
Student assistant of human resource department	Jan.2018-June.2018
Recruitment head of UESTC in Jiangxi Province	Jan.2018
Department leader of student union	Sep.2017-June.2018

Skills

Languages: Mandarin(Native), English(Professional), C, Python, Matlab, Verilog, Multisim

Sports: Badminton, Tennis

Favor: History, technology

English: TOEFL: 98, IELTS: 6.5, GRE: 328

Reference

Li Yanjun, Associate Professor

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