

# Lixing He

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

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Signal&image process, control.

## Education

<b>University of Electronic Science and Technology of China</b> , 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.	
<b>University of California, Berkeley</b> , 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	
<b>National University of Singapore</b> , 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

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

## Activities

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

## Skills

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**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

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**Li Yanjun, Associate Professor**

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