Yucheng LI

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EDUCATION

JILIN University,China   2015.06 - 2019.07

Bachelor of Science, Major in Electronic Information Science and Technology
GPA: 87.8/100
Main courses: Single-Chip Microcomputers, Analog/Digital Electronic Technology etc.

Ecole Centrale de NANTES,France   2018.09 - 2019.06

Exchange Student, Major in Advanced Robotics
Grade: top15%
Main courses: Embedded System, Control System, Computer programming and Data processing, etc.

Academic programs

2019.07 - 2019.11   Vision and Language Navigation   Research Assistant in Westlake University
- Research based on improving navigation efficiency by adding Meta-learning and Reinforcement Learning(RL) into conventional VLN algorithm
- Combined RL and Imitation Learning(IL) togather to improve the performance in both seen and unseen environment

2018.11 - 2019.05   SLAM and Navigation Based on Turtlebot   Graduate work
- Realized the mapping in Gazebo and laboratory separately and navigating using the map
- Programmed to realize the turtlebot searching for a red ball in our laboratory

2019.03 - 2019.04   Program to Produce MOSAIC Picture Using Python   Academic Project
- Analyzed every pixel of the main picture and then matched them with the average colour of others

2018.10 - 2018.12   Program the Controlling System of Microwave   Academic Project
- Realized with C++ the basical functions of a microwave such as timer, safeguard

2018.03 - 2018.05   Jilin Province's Robotic Competition   Competition
- Designed and programmed in C++ a robot to battle with others on an arena

2017.03 - 2018.03   College Students' Innovation and Entrepreneurship   Competition
- Designed dual-passband microwave photonic filter for WLAN based on Stimulated Brillouin gain spectrum
- Awarded as Outstanding National Innovation Project and funded $1500 by China Ministry of Education

2016.10 - 2016.11   Electronic Design Competition   Competition
- Realized the programming of a typical game named Tetris on MCS-51 microchip

HONORS

2017-2018	Runner-up in Robotic Competition(2/150)
2016-2018	Twice National Endeavor Fellowship in JILIN University(6/126)
2016-2017	Excellent Independent College Student (10/2000)
2016-2017	Second Prize in the Electronic Design Competition
2016-2017	National Level of the Experiment of College Students' innovation and Entrepreneurship
2015-2016	JILIN University Academic Third Scholarship

SKILLS

Language
English(B2) : IELTS:6.5（Reading: 8.5）GRE：322+3.5
Franch(B1) : proficiency in speaking and listening
Programming: C/C++, Python, Verilog, Matlab, Assembly Language, etc.