

Chenhe Wang

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EDUCATION

Nanyang Technological University	Jan 2021 - Dec 2021
Computer Control & Automation Master School of Electrical and Electronic Engineering	Singapore
I am currently a Master student.	
Electronic Information Engineering , Bachelor , School of Informaiton and Electronics	Aug 2016 - Jun 2020
	Beijing, China
<ul style="list-style-type: none">GPA: 87.6/100Honors/Awards: Excellent Student Scholarship (2016-2019), Excellent Member In Social Practice (2017), Undergraduate Training Program for Innovation and Entrepreneurship (2017)	

PROFESSIONAL EXPERIENCE

DeepWisdom	Jul 2020 - Nov 2020
Back End Developer Intern	Xiamen, China
<ul style="list-style-type: none">Web backend development (Python): Based on Tornado and MySQL to carry out functional development and version iteration of the company's online products, which involves the main modules in AutoML process of data annotation, search space parameter storage and extraction, etc.Data middle-platform: Build Clickhouse cluster and Superset visualization application, try simple secondary development of Superset.Linux-based deployment and maintenance: Agile development service (Jira/Confluence/AgileTC); CI/CD service (Jenkins); internal PyPI source (pypiserver); internal cloud disk (Seafile).	
Datang Telecom Technology & Industry Group	Jul 2019 - Aug 2019
Intern Mobile Communication Department	Beijing, China
<ul style="list-style-type: none">Learned key technologies and equipment principles of TD-LTE, learned the 5G industry trends and the IoT framework.Deployed and adjusted base station equipments, operated a protocol consistency instrument to detect mobile terminals.Awarded with an internship certificate from China Academy of Telecommunications Technology.	

RESEARCH EXPERIENCE

Algorithm Implementation of Automatic Object Azimuth Measurement	Sep 2019 - Jun 2020
Graduation Dissertation Supervised by Dr. L Sun	SIE, BIT
<ul style="list-style-type: none">Learned basic operations and general procedures of image/video processing, learned algorithms of edge detection, corner detection, and feature extraction and detection.Completed an object tilt angle measurement system with C++/Python and OpenCV.	
Robot Interoperability Research on Location Features	Aug 2018 - Oct 2018
Tester Supervised by Dr. X Xie	SIE, BIT
<ul style="list-style-type: none">First stage: Configured the initial state of the ultrasonic positioning system and programmed the satellite coordinates of the base station. Recorded the measurement error of the ultrasonic positioning system and analyzed the cause. Improved the measurement scheme to reduce the error caused by improper measurement method.Second stage: Studied the positioning principle of UWB module and configured station/tag status of the module base. Calibrated the positioning system through data analysis. Tested the error of UWB system and wrote project summary report.	

LEADERSHIP EXPERIENCE

Student Union of School of Information and Electronics	Apr 2017 - Apr 2018
Director Sports Department	BIT
<ul style="list-style-type: none">Held more than 20 sports events including an event with 2k+ people and handled 6w+ activity funds.Led the school team to win 12 university-level awards including 2 consecutive championship.	
Yanhe Star Volunteers Association	Aug 2016 - May 2017
Director Practice Department	BIT
<ul style="list-style-type: none">Participated in the teaching activities of Fangshan Hope Primary School for 10 consecutive weeks.Organized group volunteers in the Fangshan International Long Walking Festival with 1w+ participants.	

MISCELLANEOUS

- Skills:** Python (familiar), C/C++ (basic), Matlab (basic), assembly language (basic), Verilog HDL (basic), Vivado/Maxplus II (simple FPGA design), HFSS (simple electromagnetic simulation)
- Languages:** English (IELTS 7.0/ GRE 320), Chinese (Native)