陆言 Robin Lu

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Shanghai, China

EDUCATION

Second High School Affiliated to East China Normal University (Zizhu Campus)	Sep 2016 - Jun 2019

High School

National Olympiad In Informatics in Province (NOIP) 2018 Shanghai Division: 1st Prize

Tongji University	Sep 2019 - Jun 2023
Communication Engineering 本科 School of Electronic and Information Engineering	Shanghai

CCF CSP (Certified Software Professional): TOP 0.69%

PROFESSIONAL EXPERIENCE

FRC Team6940 of Second High School Affiliated to East China Normal University (Zizhu Campus)	Jan 2017 - May 2017
	Shanghai

Member Vision Group

I used LabVIEW and NI RoboRIO to control the Mecanum drive of the robot and experimented with PID control.

School of Electronic and Information Engineering, Tongji University	Jan 2021 - Present
Member Lab of Digital Imaging	Shanghai

I have been working on emotion recognition and working memory-related research based on EEG(electroencephalogram) and fMRI(functional magnetic resonance imaging) data with tools from information theory and complex network theory.

Institute for AI Industry Research, Tsinghua University	Jan 2022 - Feb 2022
Internship ARX	Beijing

I worked on simulating the robotic arm with NVIDIA Isaac Gym and doing reinforcement learning experiments in simulation environments. What's more, I've participated in the C++ and ROS-related development of robotic arm control with visual feedback.

Team Superpower, Tongji University	Oct 2021 - Present
Member, Vice-Group Leader Vision&Intelligence Group	Shanghai

As a member, I was engaged in the maintenance of ROS and the traditional machine vision solution of the team. As a vice-group leader, I designed and advocated Gazebo and OpenAI simulation and Multi-Agent Reinforcement Learning based autonomous robot technical roadmap, as well as a deep learning-based vision solution

LEADERSHIP EXPERIENCE

Tongji Open Source Association,Tongji University	Sep 2020 - Present
Accounting & Convenor	Shanghai

I have been participating in the organization of tech sharings and led the Tongji team of ASC Student Supercomputer Challenge 20-21 in 2021.

SKILLS, CERTIFICATIONS & OTHERS

- **Skills:** Brain Signal Processing, Edge Inference of Deep Learning Model, Programming
- **Languages:** English (IELTS 7.0)