

Mengxuan Wu

Southern University of Science and Technology (SUSTech)

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Computer Science

Profiles

Cypher-Bruce

Skills

Artificial Intelligence

Progress bar: 4/5

PyTorch, TensorFlow, JAX

Hardware Engineering

Progress bar: 3/5

FPGA, Verilog

Database System

Progress bar: 2/5

PostgreSQL

Languages

Chinese

First Language

Progress bar: 5/5

English

Preparing for GRE test

Progress bar: 4/5

I am a sophomore Turing class student at SUSTech, currently majoring in computer science. I am currently participating in research in the field of Reinforcement Learning at [EMI-Group](#).

Education

Southern University of Science and Technology Sep 2020 - Present
Computer Science Undergraduate

3.93/4.00 GPA | 6/161 Department Rank

<https://www.sustech.edu.cn/>

I am a member of the Turing class, which is designated for elite CS students at SUSTech.

Projects

EvoRL Feb 2024 - Present
An efficient Evolutionary Reinforcement Learning Framework based on EvoX and JAX.

I contributed to this project by implementing RL agent algorithm and PBT optimization algorithm, under the guidance of a PhD student, in my tutor's research lab.

RISC-V Pipeline CPU May 2024
Course project of Computer Organization
<https://github.com/Cypher-Bruce/RISC-V-CPU>

Audio Convertor for Flac/Wav/AIFF Nov 2023 - Jan 2024
Course project of C/C++ Programming
<https://github.com/Cypher-Bruce/WAV-Flac-AIFF-Audio-Converter>

Capacitated Arc Routing Problem Solver May 2024
Course project of Artificial Intelligence
<https://github.com/Cypher-Bruce/CARP>

Reversed Reversi MCTS Agent Mar 2024
Course project of Artificial Intelligence
<https://github.com/Cypher-Bruce/Reversed-Reversi-MCTS-Agent>

Video Company Database Management Dec 2023
Course project of Principles of Database Systems
<https://github.com/Cypher-Bruce/Database-for-Video-Company>

Awards

Contemporary Undergraduate Mathematical Contest in Modeling (CUMCM) Sep 2023
Provincial Third Award

SUSTech Merit Student Scholarship 2022-2023 Nov 2023
Second Class Scholarship

Outstanding Student of Year 2023 Jan 2024

National English Competition for College Students Apr 2024
National Third Award

Experience

National University of Singapore Jul 2024
SoC Summer Workshop: Deep Learning Course Singapore

Certifications

CET4 Jun 2023
Ministry of Education, China
Score: 637/710

CET6 Dec 2023
Ministry of Education, China
Score: 565/710
Oral Test: Excellent Level

Volunteering

Southern University of Science and Technology Volunteer Association Dec 2022 - Present
Volunteer

A total of 26.5 hours of volunteering work inside the school and in other places in Shenzhen.