

ZIDONG YANG

John Hopcroft's Class ◇ Zhiyuan College ◇ Shanghai Jiao Tong University
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EDUCATION

Shanghai Jiao Tong University

September 2021 - Present

B.S. in Computer Science and Technology

Member of John Hopcroft's Class, which is an elite CS academic program established for the top 10% of students.

GPA: 3.54/4.3 **Class Ranking:** 12/17

Courses: Computational Complexity(A), Optimization Methods(A), Data Science Fundamentals(A+), Data Mining(A), Introduction to Cryptography(A), Cryptography in Blockchain(A+), Image Processing and Vision(A), Computer System Tools and Operations(A+), Computer Systems Design Project(A), Computer Networks(A), etc.

EXPERIENCE

SJTU - THU - PKU Computer Science International Summer School

July 2023 - July 2023

- Completed all projects and obtained the certificate of completion.
- Achieved an 'A' grade in all courses in the fields of cryptography and data science.

Intelligent Physical Information Systems Lab

February 2024 - Present

- Undergraduate researcher, supervised by Prof. Haiming Jin.
- Research the applications and optimization of radar wireless sensing.

PROJECTS

Cross-Subject Emotion Recognition Based on DANN

December 2023

- Perform cross-subject emotion recognition through domain adaptation and domain generalization based on DANN.
- GitHub Repository: [Link](#)

Fashion-MNIST Clothing Classification Based on LeNet

June 2023

- Write the LeNet architecture and a neural network based on it for Fashion-MNIST clothing classification.
- GitHub Repository: [Link](#)

Ray Tracing with Rust

June 2022

- Implement ray tracing in Rust language, referencing the "Ray Tracing in One Weekend Series".
- GitHub Repository: [Link](#)

AWARDS

Zhiyuan Honors scholarship

2021, 2022, 2023

Undergraduate Class C scholarship

2022, 2023

Volunteer Principal's Award

2023

OTHER EXPERIENCES

Teaching Assistant for Programming Languages and Data Structures

June 2023 - July 2023

Member of Teaching Support Group

August 2023 - August 2023

Member of Student Union

February 2022 - June 2023