

# Huanyu Wang

Email: [whyisverysmart@sjtu.edu.cn](mailto:whyisverysmart@sjtu.edu.cn) Tel: (86) 176-1218-9497

## Education

---

**Shanghai Jiao Tong University (SJTU), Shanghai, China**

Since Sep 2022

**Bachelor of Computer Science, Double Major in Mathematics and Applied Mathematics**

GPA(major): **3.914/4.3**, GPA(overall): **3.862/4.3**

Core courses: Discrete Mathematics (96/100), Linear Algebra(100/100), Data Structure(95/100), Design and Analysis of Algorithms(95/100), Python(93/100), C++(95/100).

Undergraduate Excellence Scholarship 2022

Zhi Yuan Honors Scholarship 2023

## Experiences

---

**Python project - NumPy**

Sep 2022 - Dec 2022

- The final project of the Python lecture, created our own library for mini matrix calculation.
- Acquired 100/100.

**C++ project - Snake Game**

Jun 2023 - Jul 2023

- The final project of the C++ Programming Practice lecture.
- Developed a Snake game using Curses lib of Linux to render the game on the terminal.
- Acquired 94.5/100.

**Academic Searching System**

Sep 2023 - Dec 2023

- Created an academic searching system, using FastAPI for backend and Vue3 for frontend development.
- Input: keywords. Output: paper index along with picture analysing.
- Acquired 94/100.

**Simple CPU Implementation on FPGA**

Feb 2024 - Jun 2024

- Designed a single cycle processor including instruction fetch, decode, execute, and memory.
- Tested using Xilinx, implemented on FPGA.

## Work Experiences

---

**Intern, Gauss Lab of Huawei, Shanghai, China**

Jul 2024 - Sep 2024

- Obtained knowledge of Database System, familiarized with Gauss Database Kernel.
- Accomplished several requirements concerning Standby Read.

## Leadership & Activities

---

**Odyssey of the Mind(OM) school club, President**

Since Sep 2023

- Designed and organized various activities for club members and SJTU students.

- Lead the school team, won the first prize in National OM Competition 2023.

## **Skills**

---

Adept in C++, Python; frequent user of LaTeX.

English: CET-4(587), CET-6(584).

Others: quite sociable ( $\geq \nabla \leq$ ), ready to learn and challenge.