



Renyi Yang

Date of birth: 29/12/2004 | **Nationality:** Chinese | **Gender:** Male | **Phone number:** (+86) 17321321975 (Mobile) |
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● ABOUT ME

<https://aristurtlehu.github.io/>

● EDUCATION AND TRAINING

01/09/2023 – CURRENT Shanghai, China

B.ENG. CANDIDATE, COMPUTER SCIENCE AND TECHNOLOGY ShanghaiTech University

Website <https://www.shanghaitech.edu.cn/eng/> | **Final grade** GPA: 3.75/4.0 (rank 24/173 in CS) | Major GPA: 4.0/4.0

● LANGUAGE SKILLS

Mother tongue(s): **CHINESE**

Other language(s): **ENGLISH**

● DIGITAL SKILLS

C++ | C | Matlab | Python

● VOLUNTEERING

26/06/2023 – 30/08/2024 Shanghai

Volunteer for summer and winter activities

136 Hours in total

1. In collaboration with the education team, **innovative teaching tools and methods** have been used to develop summer school programs that provide children with diverse learning experiences and opportunities for personal growth.
2. Flood control, charging **inspection**

● PROJECTS

20/12/2023 – 12/01/2024

Handwritten Number Recognition

A handwritten number recognition project using **KNN** algorithm based on **Raspberry Pi**

- Model Training (KNN)
- Photograph Processing (Segmentation, Erosion, ...)
- Using a Digital Display to show the result (Circuits Connecting)

Link <https://github.com/AristurtleHu/Handwritten-Number-Recognition>

20/06/2024 – 30/06/2024

Plants vs. Zombies

A PvZ game based on **C++** with **CMake**

- contain basic actions, sunshine, plants and zombies
- having animation for shooting, moving, etc... (e.g. Pole Vaulting Zombie)
- treat everything as a *GameObject* (mother class)

Link <https://github.com/AristurtleHu/Plants-vs.-Zombies>