Ruixi Zhong

Address: Lushan Gate, Yuelu District, Changsha City, Hunan Province, China

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TEL: (+86)17377901520

Education

GPA: 3.76   average score:88.21

September 2023-Present: **Hunan University (project 985)**

Computer science

Module: Engaging in studies related to Python, C++, and data structures.

September 2022-June 2023:   **Hunan University (project 985)**

Biomedical engineering

Module: Studying subjects related to advanced mathematics, linear algebra, and animal biology (including the study of animal locomotion)

September 2019-June 2022:   **No.2 High School of Zhuzhou**

Module: Engaging in the study of foundational subjects such as mathematics and biology.

Research experience

2023:

- Writing a Python web crawler program to fetch COVID-19 statistics of regions in the United States and using Matplotlib to create a bar chart to display the top 15 regions ranked by the number of infections.
- Implementing face swapping using TensorFlow 2. With the knowledge of autoencoders, up-sampling, and data augmentation, we trained a model which can replace faces without altering the original facial expressions.

2022:

- Joining a research project at School of Biology, which focused on studying the gut microbiota of *Drosophilidae*. Responsible for *Drosophilidae* cultivation and computer image analysis.
- Participating in the China High School Biology Olympiad and received a provincial third prize.

Volunteer jobs and interests

I have a passion for movies and hold the position of organizer in a local film lovers group, which enable me to excel in teamwork and possess leadership abilities.

Additional information

- *language*：CET6：590
- *skill*：Have good programming skill in python/c++, and possessing a rich background in the field of biology.