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ZJU-UoE Institute
浙江大学爱丁堡大学联合学院

Education

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2024.9 - 2028.6求是求是

- 求是求是求是GPA: 3.31/4.0, Rank: 14/62
- Relevant Coursework: Integrative Biomedical Science, Cellular and Molecular Biology, Introduction to Biomedical Informatics

求是求是 Python(求是), R, Latex
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Learning Experience

Introduction to Biomedical Informatics (IBI) 1 Group Project

Haining, P.R.China

MAIN PROGRAMMER & GROUP LEADER

Mar. 2025 - Apr. 2025

- Worked with 3 group mates.
- Developed programs to count the most frequent codon(s) in the given DNA sequences, interpret the codon(s) into amino acid(s), and calculate amino acid frequencies.
- Extended the program functionality to perform simple alignment of two DNA sequences and calculate the similarity score based on global alignment.
- Implemented the above programs in Python.
- Created a poster and gave a presentation on the project.
- The code package can be found in the IBI1_ICA repository on my GitHub.

Introduction to Biomedical Informatics (IBI) 1 Practical

Haining, P.R.China

PARTICIPANT

Feb. 2025 - present

- Studied the basics of bioinformatics and programming skills in Python.
- Developed several programs, including manipulating FASTA profiles, calculating TATA boxes, and simulating virus outbreaks among vaccinated populations.
- Gained proficiency in using Linux and remote servers.
- Built a GitHub account and personal portfolio.
- All outcomes can be found in the IBI1_2024-25 repository on my GitHub.
- My personal portfolio can be found at .

Introduction to Cellular and Molecular Biology (ICMB) 1 Group Wiki Project

Haining, P.R.China

GROUP LEADER

Feb. 2025 - Mar. 2025

- Collaborated with 5 students to create a wiki page introducing the overall knowledge of CRFR1 in the human body.
- Authored the section on the structure of CRFR1, including its unique secondary structure with a binding knot and its function-related structural specificity.
- Formatted and organized the wiki page.

Extracurricular Activity

Movie team of the ZJU-UoE institute

Haining, P.R.China

CORE MEMBER & LEADER

Nov. 2024 - present

- Shot vedios and edited, and worked as the team leader.
- The movies and photos are used for the institute's Wechat channel and social media account.