Qiu Jinhang

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Education

National University of Singapore   2023/08 − 2027/05 (Expected)
Bachelor of Computing in Computer Science   21 Lower Kent Ridge Rd, Singapore
- GPA 4.56/5, Artificial Intelligence Specialization, Secondary Major in Statistics.
- Course: Object-Oriented Programming, Discrete Structures, Data Structures and Algorithms etc.

Shanghai Jiao Tong University   2021/08 − 2023/08
Major in Clinical Medicine   Shanghai, China
- Undertook coursework in Medicine from August 2021 to July 2023.
- Transferred to National University of Singapore in August 2023
- Course: Systematic Anatomy, Regional Anatomy, Pathogen Biology, Molecular, Cellular and Organizations etc.

Experience

Participation in Research Program   2023/06 − 2023/08
SJTU School of Life Sciences and Biotechnology, advised by Dr. Wei Ting   Shanghai, China
- Interned in a research program focused on developing a hierarchical graph network model to predict the survival risk of non-small cell lung cancer patients using Graph Convolutional Networks (GCN).
- Assisted in extracting cell nucleus features to build a detailed graph network.
- Participated in evaluating model performance using multi-center data, including TCGA and external datasets.
- Gained hands-on experience with AI techniques and their application in medical data analysis.

Projects

Gitlet   2024/05 − 2024/06
- Simulated fundamental Git functionalities(i.e. init, add, commit, log, branch, etc), utilizing Java standard library.
- Serialized data in `.gitlet` file to store old versions of files and commit tree using Serializable interface.
- Tested through detailed unit and integration tests using the `JUnit` framework to ensure reliability and performance.

EchoBot   2024/08 − Present
- Developed a Personal Assistant Chatbot named "EchoBot", designed to help users keep track of various tasks.
- Applied OOP principles to design and develop core features and employed Git and GitHub for version control.
- Automated the build and run tasks for the project using Gradle and regularly tests using `JUnit` to ensure reliability and stability of the software.

Honors and Awards

- Shanghai Jiao Tong University School of Medicine Undergraduate Academic Scholarship   2022/11
- First Prize, The Chinese Mathematics Competitions   2023/01

Skills

Programming Languages: Java, C++, Python, HTML, CSS and JavaScript
Libraries, Frameworks: JUnit, JavaFX, Django, MySQL, Bootstrap
Technical Skills: Data Analysis, Neural Networks
Tools: Vim, Git, Github