Lianrui Geng

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EDUCATION

University of Utah, Kahlert School of Computing   Salt Lake City, UT

Computer Science Major, Mathematic Minor   **August 2020 – December 2024**

GPA: 3.55/4

Dean's list for 2022-2023

RELATED COURSES

- Software Practice I & II
- Advanced Algorithm & Data Structure
- Computer Organization I & II
- Computer Graphics I & II
- Scientific Computing
- Web Development
- Human-centered Design
- Database System
- Foundation of Analyze in Math
- Number Theory

WORK EXPERIENCE

Jilin Baiqi Pharmaceutical Co., Ltd   Bai City, China

Computer Service Support Administrator   **May 2023 – August 2023**

- Manage and support network equipment and services.
- Daily maintenance and technical support of the plant's internal office computers

Qizhi Education Organization   Harbin, China

Assistant Instructor   **June 2019 – March 2020**

- Teaching high school students Math, Physics, and English
- Led students to achieve the top 1% ranking in high school education.

PROJECTS

Machine Learning Educational App   **December 2023**

- Use Qt and C++ to develop the educational app to teach user basic information about linear regression.
- Work with a team to create basic visualizations and other features to show the linear regression working.

Pixel Drawer   **November 2023 – December 2023**

- Work with team to develop a pixel drawer included animation feature by using Qt and C++.
- Manage the project by using GitHub Project and GitHub Desktop.

Agario Game   **March 2023 – May 2023**

- Collaborated with one partner to develop client and server components from scratch using C#, GitHub and VS
- Implemented data storage and retrieval functionalities using SQL.

COMPUTER SKILLS

Java, C#, MATLAB, C++, JavaScript, python, SQL, C, HTML, CSS, Django, AWS