

SHU CHEN

(801) · 634 · 7954 ◇ ShuChenCSWork@gmail.com

EDUCATION

University Of Utah

B.S. in Computer Science

Overall GPA: 3.87

August 2023 - August 2026

EXPERIENCE

Research Assistant

June 2025 - August 2025

- Edit software to fulfill extra tasks.
- Use Houdini and other tools to generate synthetic data for Machine Learning.
- Train a model to detect stitches on fabrics.

Research Assistant

March 2025 - June 2025

- Publish a Siggraph paper as a third author.
- Optimize the code to process data faster.
- Make motion capture suit.
- Capture data for testing.

PROJECTS

Personal Website

May 2025

- Using React and Three JS to display eye-catching shaders and information on the website.
- Use GitHub Actions to automate the building process.

ChatGPT Integrated Education APP

December 2024

- An education APP that lets users combine Chinese Radicals together to make a new character with the help of Chat GPT.
- Use Qt's internal QNetwork lib to achieve async waiting for API response.

Render Engine based on JS and OpenGL

September 2024

- Render engine that can render 3D objects with texture maps and bling shading to give a better appearance to 3D models.
- Used HTML and JS, it can render objects on the browser, and different platform.

TECHNICAL STRENGTHS

Computer Languages Software Tools

Python, C++/C/C#, JAVA, Rust
Unity/Unreal, Houdini, Adobe Series
Docker, Render Doc, Github