Seesy Yi

seesy.yi@gmail.com • 952-270-5782

EDUCATION

University of Minnesota, College of Science and Engineering — *Minneapolis, MN*
Master of Science, Computer Science — Expected May 2027
GPA: —

University of Minnesota, College of Science and Engineering — *Minneapolis, MN*
Bachelor of Science, Computer Science — May 2025
GPA: 3.500

SKILLS

Technical Skills: Azure, C/C++, Canva, computer aided design, data analysis, database concepts, Docker, documentation, Figma, GitHub, Google Sheets, HTML, Java, MakeFile microcontrollers, OpenGl, Python, sensors, software engineering and design principles, Scrum, SDL, SFML, teamwork, TypeScript, UI/UX design, unit testing, virtual machine, writing.

RELEVANT EXPERIENCE

Healingovation — *Beijing, China*
Internship — June 2024 – August 2024
- Worked with the UI design team to create various prototypes for the user interface of an application for water ablation therapy using Figma.
- Worked with the front-end team lead to revise components to front-end programming using Qt Creator.
- Followed software design principles to correctly locate and change elements, altered UI components globally, and modified a local variable so UI presentation is more desirable.
- Worked with the back-end team lead to add an attribute to an existing entity in the application database and sort that entity based on boolean values using Java.
- Followed design principles in back-end to be consistent with code and ensure that the added attribute can be correctly accessed and modified.

PROJECT EXPERIENCE

Particle Simulation
- Used C++ and SFML for graphics.
- Applies gravity, collision detection, circular boundaries, and mouse and keyboard detection.

Personal Website
- Used HTML, CSS, and Typescript to create a currently basic website displaying projects, and linked contact information and resume.
- Hosted on Azure with GitHub linked.

Stratospheric ballooning, *CSE 1012, University of Minnesota Twin Cities*
- Worked on a team of 4 to build a payload equipped with choices of sensors to send into the stratosphere while attached to a weather balloon.
- Mainly focused on working with code and sensors to ensure that all components were connected, powered, and on the right setting to log data when building the payload.
- Communicated between team members, professors, and the teaching assistant to compose and discuss work schedule, the flight plan, and solve technical problems.
- Analyzed and wrote a report on data collected from weather balloon flight in Google Sheets.
- Displayed payload and presented alongside group members at the final showcase.

CERTIFICATIONS

Google UX Design Professional Certificate — August 2022