

Seesy Yi

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EDUCATION

University of Minnesota, College of Science and Engineering

Bachelor of Science, Computer Science

GPA: 3.489

Minneapolis, MN

Expected May 2025

SKILLS

Technical Skills: C/C++, Canva, computer aided design, data analysis, database concepts, Docker, Figma, GitHub, Google Sheets, HTML, Java, Jira, microcontrollers, Python, QT Creator, sensors, software engineering and design principles, Scrum, SQL, teamwork, 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

Stratospheric ballooning, CSE 1012, University of Minnesota Twin Cities

January 2023 – May 2023

- Worked on a team of 4 to build a payload equipped with choices of sensors to send up 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.

LEADERSHIP EXPERIENCE

Orono Community Education

Orono, MN

Ice skating coach

November 2019 – March 2022

- Coached ice skating classes at Orono Ice Arena to children in ages 3-14 with various skating skill levels.

Lake Minnetonka Figure Skating Club Junior Board

Minnetonka, MN

Newsletter Committee Chair

July 2019 – May 2022

- Worked with the newsletter committee to write, polish, and send out a monthly newsletter consisting of information about news, events, and competitions happening within the club and skating community.

AWARDS / CERTIFICATIONS

Google UX Design Professional Certificate

August 2022