

# Seesy Yi

seesy.yi@gmail.com • 952-270-5782

## EDUCATION

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*University of Minnesota, College of Science and Engineering*

**Bachelor of Science, Computer Science**

GPA: 3.500

*Minneapolis, MN*

May 2025

*University of Minnesota, College of Science and Engineering*

**Master of Science, Computer Science**

GPA: —

*Minneapolis, MN*

Expected May 2027

## SKILLS

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**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

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*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

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**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

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*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

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Google UX Design Professional Certificate

August 2022