

# Sullivan Hart

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(952) 913-4006

[hartsul@iastate.edu](mailto:hartsul@iastate.edu)

[linkedin.com/in/sullivan-hart](https://linkedin.com/in/sullivan-hart)

[sullivanhart.github.io](https://sullivanhart.github.io)

## EDUCATION

**Iowa State University**, Ames, Iowa-  
Bachelor of Science, *Computer Engineering*

**Graduation: December 2025**

**GPA:** 3.75 / 4.00

**Major GPA:** 4.00 / 4.00

## PROJECTS

**NAV Route Generation** (C)

**MIPS Processor** (VHDL, assembly language, Git)

**Riff Radar App** (Android Studio, Git)

**Bomb finding robot** (microcontroller, embedded C, GUI)

**Solar powered device charging station** (Team leadership)

## EXPERIENCE

**Garmin**, Olathe, Kansas- *Software Engineering Intern*

June 2024 – August 2024

- Collaborated with the Navigation Team to create and optimize routes for navigation systems across all Garmin aviation products
- Responsible for high-level projects like optimizing turn calculations and creating an internal tool to investigate route generation
- Worked on low-level projects like interpreting position sensor data, GPS inaccuracy alerts, and velocity logging

**Walton's Grizzly Lodge**, Portola, California – *Camp Counselor*

June 2023 – August 2023

**Kerfoot Canopy Tours**, Belle Plaine, Minnesota – *Zipline Guide*

May 2022 – August 2023

**Camp Phillippo**, Cannon Falls, Minnesota – *Camp Counselor*

May 2019 – August 2021

## SKILLS

C, Java, VHDL, Assembly, Python

Soldering & Electronic repair

Machine shop trained

Customer Service

## AWARDS

Iowa State Dean's List (All semesters)

"Best Coder" (COM S 309, Spring '24 )

National Merit Commended Scholar

3<sup>rd</sup> Grade Bus Rider of the Month (March)

## LEADERSHIP & ACTIVITIES

**Engineers for a Sustainable World**

(Sept. 2022 – Present)

- Solar Team Lead

**Chem-E Car** (Sept. 2024 – Present)

**Chip Fab** (May 2024 – Present)

**Birding Club** (Sept. 2022 – Present)

**Mountaineering and Climbing Club**

(Aug. 2022 – Present)

