­­­

|  |  |
| --- | --- |
| Sullivan Hart | **(952) 913-4006**  **hartsul@iastate.edu**  [**linkedin.com/in/sullivan-hart**](http://linkedin.com/in/sullivan-hart)  **s**[**ullivanhart.github.io**](http://sullivanhart.github.io) 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  3rd 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) |
| EDUCATION**Iowa State University**, Ames, Iowa-Bachelor of Science, *Computer Engineering*Graduation: December 2025GPA: 3.75 / 4.00Major GPA: 4.00 / 4.00PROJECTS **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 |