

# Jake Hafele

JakeHafele1@gmail.com

[jakehafele101.github.io/jakeHafeleProjects/index.html](https://jakehafele101.github.io/jakeHafeleProjects/index.html)

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## OBJECTIVE

Seeking computer engineering internship for the summer of 2022

## EDUCATION

**Iowa State University, College of Engineering**, Ames, Iowa

Bachelor of Science in Electrical Engineering

Expected December 2023

GPA: 4.0/4.0

Working towards minor in Mathematics

## EMPLOYMENT

**Workiva**, Ames, Iowa

*Software Engineer Intern*

May 2021 – August 2021

- Collaborated on a team to develop and debug code for a product
- Simulated and tested code before it was shipped to ensure quality

**Iowa State University**, Ames, Iowa

*Digital Logic Teaching Assistant*

January 2021 – May 2021

- Prepared weekly recitations and labs to review course content with students
- Hold my own office hours to help guide students through the weekly material
- Trusted by professor to review the course and be prepared throughout the semester

## SKILLS

**Hardware** Altium, Spice, Debugging boards, Soldering, 3D printing

**Software** Eclipse, Arduino, Fusion 360, Processing, Cura

**Languages** C, C++, Java, Python, JavaScript

## PROJECTS

Solar Car

- Soldered and tested 4 different boards that will go in our final car
- Planning on going on our race over the Summer to compete with our car
- Completely reorganized our library system

“Useless” Machine

- Used Altium to design a PCB to interface the switches
- Used CAD software and 3D printer to design the pieces of the arm
- Designed efficient code to be implemented with Arduino electronics

## ACTIVITIES AND LEADERSHIP

- |  |             |
|--|-------------|
| • Prismo Solar Car Club – Librarian, Electronics team member | 2020 - 2021 |
| • Iowa State Critical Tinkers – Secretary                    | 2019 - 2021 |
| • Engineering Ambassador and Mentor Program – Current Member | 2020 - 2021 |
| • Iowa State Hackathon – Participant                         | 2019        |

## ACHIEVEMENTS

- |                                      |             |
|--------------------------------------|-------------|
| • Top 2% of engineers award          | 2019 - 2021 |
| • College of Engineering Dean's List | 2019 - 2021 |