­­­Jake Hafele

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jakehafele101.github.io/jakeHafeleProjects/index.html

**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**

* + - * Prisum 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