

Jake Hafele

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OBJECTIVE

Seeking computer engineering internship for the summer of 2021

EDUCATION

Iowa State University, College of Engineering, Ames, Iowa

Bachelor of Science in Computer Engineering

Expected May 2023

GPA: 4.0/4.0

Working towards minor in Mathematics

EMPLOYMENT

Morton High School, Morton, Illinois

Summer Custodial Work

May 2018 – August 2019

- Worked full time for two summers while always being punctual with a 6 AM start time
- Consistently followed safety regulations when dealing with chemicals
- Collaborated on a team of students to execute large projects efficiently and accurately
- Trusted to work on independent jobs without boss supervision for full shifts

Morton Cinemas, Morton, Illinois

Concessions Employee

December 2018 – March 2019

- Balanced time effectively while completing high school coursework
- Interacted with customers by selling them tickets and snacks and providing great service
- Ran the register and managed sources of income consistently
- Coordinated and communicated with other employees to serve customers on time

SKILLS

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

Software Eclipse, Arduino, Fusion 360, Processing, Cura

Hardware Soldering, 3D printing, Designing Arduino circuits

PROJECTS

Motion Controlled Robot Arm

- Used CAD software and 3D printer to design the pieces of the arm
- Designed efficient code to be implemented with Arduino electronics
- Created an effective breadboard and circuit to connect the electronics together

Designing a Website

- Learned JavaScript and HTML to show off my other projects
- Showcases my embedded game, project videos, and reflections of every project I have done
- Includes links to my repositories of code for each project

ACTIVITIES AND LEADERSHIP

- Institute of Electrical and Electronics Engineers (2020)
- Engineering Ambassador and Mentor Program – Current Member (2020)
- Lego League State Championship – Volunteer (2020)
- Iowa State Storm Marching Band - Current member (2019 - 2020)
- Iowa State Critical Tinkers – Current member (2019 - 2020)
- Computer Engineering Learning Community - Current Student (2019 - 2020)
- Iowa State Hackathon – Participant (2019)