

# Alexander Beers

608-402-5935 | Madison, WI 53706 | arbeers@wisc.edu  
github.com/arbeers1

## Work Experience

**Walmart - Baraboo, WI**

05/2020 - 8/2020

**Stocker/Deli**

- Maintained a sanitary environment
- Assisted customers on the sales floor and on phone calls

**Festival Foods - Baraboo, WI**

06/2017 - 12/2019

- Ensured customer needs are met. Helped locate products and find alternative solutions when the perfect solution can not be met.

## Education

**University of Wisconsin - Madison**

Anticipated graduation at 12/2022 with a Bachelor of Science in Computer Science

**Wisconsin Technical College Fire Academy - Baraboo, WI & Madison, WI**

- A one semester program offering the Fire I and Fire II certificates in WI & MN
- Learned to effectively work in teams, communicate, and follow operating procedures on the job site
- Worked with the community in creating safety presentations and conducting building inspections

## Languages

- Java
- C# w/ .Net framework

## Portfolio

**EcoSim - [github.com/arbeers1/EcoSim](https://github.com/arbeers1/EcoSim)**

- Simulates a small ecosystem of rabbits and grass
- Attempts to replicate the exponential and logistic growth models for populations
- Logs and displays data

**Philips Hue Controller - [github.com/arbeers1/my-smarthome-application](https://github.com/arbeers1/my-smarthome-application)**

- Uses philips hue api to control philips hue lightbulbs
- Integrates other functionality to create a smart home styled application

**Mobile Application - [github.com/arbeers1/Lofi-Beats](https://github.com/arbeers1/Lofi-Beats)**

- Composes a song given a set of beats/samples

**A\* Pathfinder Visualizer - [github.com/arbeers1/AStar](https://github.com/arbeers1/AStar)**

- Slows and visualizes the A\* algorithm to demonstrate how it works

**Website - [abeers.dev](https://abeers.dev) | <https://github.com/arbeers1/dev-site>**

## Skills

- Works well in teams
- Adaptable with changing work environments and schedules
- Quick to problem solve and engage in critical thinking

- Excited and willing to learn new things.

### Awards And Certifications

**Fire Fighter I/Haz Mat Ops** - 02/2019

**Fire Fighter II** - 05/2019

**Dean's List** - UW Madison - Fall, 2019