

# ETHAN HINMAN

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## EDUCATION

### University of Michigan

Ann Arbor, MI

GPA:

- Bachelors of Science in Computer Science  
N/A
- Transferred as of Fall 2020
- Relevant coursework - Discrete Mathematics, C++ Programming and Data structures

Class of 2023

### Michigan State University

East Lansing, MI

GPA: 3.95

- Bachelors of Science in Computer Science Engineering
- Attended Fall 2019-Spring 2020
- Relevant coursework - Introduction to Python and Data Manipulation.

Dean's List 2/2

Tower Guard Nominee

## EMPLOYMENT

### Short's Brewing Company

Bellaire, MI

Kitchen Staff

Summer 2019

- Helped clean dishes, in a team of 3, so customers could eat sanitarly.
- Prepped food on a line for hundreds of people during my shift.

### Forest Hills Eastern Youth Lacrosse Club Rapids, MI

Grand

Youth Lacrosse Coach

- Prepared and planned practices for students grades 5th-8th to help develop lacrosse skills.
- Ran games as a coach alone or with another coach to help build camaraderie among teammates.

### Free-Lance Job

Grand Rapids, MI

Private Youth Lacrosse Coach

- Designed personalized practices to suit the customer's needs and allow for maximum skill growth.

## CLUBS

**STARX (STrength Augmenting Robotic eXoskeleton) Club** - *Team Member*      Fall 2019- Spring 2020

- Member of the software design team and helped implement software to develop a functioning exo-skeleton.

## PROJECTS

### Image Resize Program

Fall 2020

- Implemented a popular image resize algorithm using arrays, pointers and structs to resize images without distorting the image.
- Worked in a group to help develop efficient algorithms and solutions to problems.

### Class Alert Data Acquisition

Summer 2020

- Developed a website parsing application to find class openings using Selenium and Python
- Collaborated with a fellow student to brainstorm and figure out unknown syntax.

### LED Strip Music Strip

December 2019 - Current

- Coding a script for a raspberry pi to synchronize LED lights with music.
- Used the Fourier transform in a python program to take input from aux and convert to usable data.

## SKILLS

**Computer:** C++, Python & Git

**Languages:** Proficient in Spanish and German. Beginner in Russian.