

# Thomas C. Weir

2401 Virginia Park Dr, Lapeer, MI 48446

Weirtho1@msu.edu (810) 272-0999

## EDUCATION

**Bachelor: Games and Interactive Media** Anticipated: May 2024 Michigan State University, East Lansing, MI

**Associate of Sciences** Graduated: May 2021 Mott Community College, Flint, MI

## RELEVANT COURSEWORK

Games and Interactivity Media Sketching and Graphics

Introduction to Programming Intro to Information Science

Games and Society

Intro to Game Programming

Computer/ Technical Skills

**Programming Languages:** C++, Java, JavaScript, HTML5, Python, C#, PHP, Swift

**Applications:** MS Visual Studio, VS Code

**Application Server:** Apache

**Operating Systems:** Windows, Unix, Linux

**Database Systems:** Docker, MySQL

## WORK EXPERIENCE

**Lifeguard** June - August 2022 Kalahari Resort, Sandusky, OH

- Lifeguard and CPR Certified
- Worked in an environment where I was responsible for the safety and well being of others
- Was able to utilize my skills learned to volunteer at events including an Ironman Triathlon

**Intern/ Front End Dev.** November 2019 - August 2021 Cypress, Lapeer, MI | Tony Diodato  
(810) 245-2300

- Developed Front end software for autonomous robots
- Learned to develop code in multiple languages for various projects
- Assisted in fulfilling large product orders for access control systems

**Student Employee/ Front End Dev.** August 2021- December 2021 MSU Hollander

Makerspace, East Lansing, MI | Jamie Moriarty moriar20@msu.edu

- Processed and sliced files to be 3D printed
- Assisted students in submitting files for 3D printing
- Created a new search feature for student employees on the MSU Hollander Makerspace website

**Summer Intern** Summer 2018 Interpower Induction, Almont, MI

- General shop duties including prepping products for paint and water cutter maintenance
- Experienced working on a factory floor

## **Busser and Runner Summers 2015-2021 Lake Inn Restaurant, Lapeer, MI**

- Ensured that customers were taken care of
- Worked efficiently to maximize table turnover rate
- Strived to provide a positive experience at the restaurant

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## **COMMUNITY INVOLVEMENT**

### **Lead Programmer and Business Lead June 2016- March 2020 Strike Zone Robotics, Lapeer,**

**MI | Matthew Schnider**

- Developed code for competition robots to compete on a world class level
  - Scheduled meetings with partners in the community to secure funding for the season ●
- Trained new team members to program and test code safely and efficiently

### **Cross Country Captain July- October 2019 Lapeer High School, Lapeer, MI**

- Created a quality environment for team spirit and morale to prosper
- Planned routes for the team to run
- Led Practices

### **Assistant Cross Country Coach July- October 2020 Rolland-Warner Middle School, Lapeer, MI**

- Shared my running experience and mentored young runners
- Assisted the head coach with running practices
- Supported runners after meets with cooldowns

## **Honors and Awards**

- *FIRST* Dean's List Semi-Finalist
- 2019, 2020, 2021 Youth Citizen of the Year Nominee (Lapeer County)
- 2020 XC Coaches Award