

# Connor Ostrowski

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## WORK EXPERIENCES

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### U.S. Army Ground Vehicle System Center - Warren, MI

Summer 2020 | Summer 2021 | Summer 2022

#### Summer Hire

- Studied military tactics and modeled simulations on US Air Force software called AFSIM, Advanced Framework for Simulation, Integration, and Modeling. AFSIM was a custom code create to determine different combat strategies and this was used to create programs that was simulate unique combat scenarios
- Used Tableau to determine trends and relationships of 1,300 unique vehicles with 60,000 data points. Primarily focused on tanks and modern-day vehicles. Gave projections and trends seen in things like horsepower, armor, and gun calibers. This data was used to determine future plans for different types of vehicles based upon historic trends and commonly used hardware in the modern era.
- Built a website from scratch using HMTL, CSS, and JavaScript. Which allowed users to build an Abrams Main Battle Tank following the steps of a trade study. This website could take inputs like different chassis, engines, armor packages, technology packages, defensive systems, and main guns and display those affects as metrics caculted into offensive and defensive rating and cost.

### Burton Hollow Swim Club - Livonia, MI

Summer 2019 | Summer 2020

#### Head Lifeguard and Swim Team Assistant Coach

- On top of the responsibilities of lifeguarding, the Swim Team Assistant Coach would help the coaches with practice every morning, setting lineups before meets, during meets assistants would communicate with swimmers what events are coming up. Also created the schedule for all 15+ lifeguards and handled any situation for the members.

## EDUCATION

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**Grand Valley State University** Bachelor of Science Expected August 2025, Major in Computer Computer

GPA: 3.0

**Detroit Catholic Central High School - Novi, MI** Graduated 2019

GPA: 3.6

**Skills** ● AutoCAD ● SolidWorks ● Tableau ● Python ● C++ ● CSS ● HTML ● JavaScript ● Soldering Work

## LEADERSHIP

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- Member of Student Leaders - planned and set up extracurricular activities like tailgates, homecoming, and fundraisers.
- Led team to second place in GVSU Robo Race Competition.
- Captian of Varsity High School Soccer Team.

## ACTIVITIES

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- Volunteer Work
  - Peanut Butter and Jelly Outreach - Providing food to the homeless in Detroit.
  - Gleaner's Food Bank - Packing and shipping food.
  - Life Remodeled - Cleaning up neighborhoods in Detroit.
- Summer Golf League, Long Distance Biking, Pickleball League.

References available upon request