

# Renzo Garza Motta

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## Education

**Grand Valley State University**, Allendale, MI

Expected Graduation: April 2023

*Bachelor of Science Degree in Electrical Engineering with a minor in Mathematics*

## Employment

**Barbara H. Padnos International Center**, Allendale, MI

Fall 2017 - Present

*Study Abroad Peer Adviser*

- Advised more than 100 students on their Study Abroad opportunities.
- Facilitated class schedule registration guidance.
- Worked on and completed more than 30 different projects.
- Documented Data from our Study Abroad alumni demographics.
- Coordinated work schedules for the multiple Peer Advisers.
- Directed over 25 outreach presentations
- Aided in organization of multiple Study Abroad events including Study Abroad Fairs, Passport Fairs, Funding 101 Workshops, First Step Meetings, amongst others.

**Grand Valley State University Housing and Residence Life**, Allendale, MI

Summer 2018 - Present

*Resident Assistant*

- Supervised over 70 of 600 students within 8 different buildings in the community M/V/GVA.
- Aided in more than 40 diverse resident emergencies.
- Organized several programs with Community building, Academic Growth, Intercultural, and Citizenship focus in addition to working with multiple University Partners
- Completed duty rounds on a weekly basis by observing for any suspicious activity throughout the community.
- Filed a number of confidential Incident reports.
- Helped First year and Transfer students adapt to the college environment and offered resources readily available to them.

**Engineering Student Success Center**, Allendale, MI

Winter 2019 – Present

*Engineering Tutor (C Programming, Arduino Programming, Engineering Design)*

- Developed different techniques to more easily explain C programming concepts
- Provided tips for 3D modeling with 3D Printing in mind
- Broke down algorithm concepts for beginner programmers to better understand these, and to apply them more efficiently into their programs.

**St. Mary's Preparatory Boarding Program**, Allendale, MI

Fall 2016 – Summer 2017

*Resident Assistant*

- Overlooked more than 40 International and local students.
- Provided assistance with roommate mediation when problems arose.
- Crafted multiple bulletin boards throughout the community.

## Relevant Projects

**Introduction to Engineering Design II - Robot Sockey Competition**

Fall 2018

*Team Leader*

- Designed and assembled the main circuitry of the robot.
- Programmed all the components within the robot in C/C++.
- Modeled majority of the components and 3D printed the robot.
- Led three engineering students of multiple disciplines on building a robot from scratch and competing in department made competition that resembles Soccer and Hockey.

## Internship Experience

**Adapt Technology, Auburn Hills**, MI

Winter 2017

*Intern*

- Assisted and worked closely with engineers within the firm
- Closely examined a number of projects of various significance
- Learned the basics of SolidWorks design
- Developed an interest in 3D scanning/printing which led into multiple personal projects including building own 3D printer