

Gianna Claros

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EDUCATION

Georgia Institute of Technology BSCS

Graduation Date: May 2027

Western Kentucky University, AIS

Graduation Date: May 2024

Dual-Enrollment

Gatton Academy of Mathematics and Science, HS

Graduation Date: May 2024

WORK EXPERIENCE

AquaBots Atlanta, GA – *Student Researcher*

January 2024 – Present

- Worked on software in team submission for the RoboSub competition.
- Built an autonomous boat to learn different aspects within marine robotics.
- Attended weekly meetings with faculty and team to discuss goals and progress.

Center for Energy Systems Bowling Green, KY — *Student Researcher*

Aug 2023 – Dec 2023

- Worked with LiDAR data and Robot Operating System Noetic.
- Was part of a team creating an autonomous medical cart for care of contagious patients.
- Gained knowledge on path planning algorithms and ROS Noetic.

Center for Human GeoEnvironmental Studies Bowling Green, KY – *Student Researcher*

Jan 2024 – May 2024

- Worked on a team with goals of developing an interactive public dashboard for understanding and monitoring water resources in karst areas.
- Used real-time data from monitoring sites to create visuals to aid in public knowledge of the city's water quality, current level of flood risk, and other parameters.
- Presented research at Western Kentucky University's Student Scholar Showcase.

EXTRACURRICULAR ACTIVITIES & LEADERSHIP

Health and Fitness Education Application, Bowling Green, KY - *Programmer*

Jan 2023 – May 2023

- Self-taught MATLAB to create an interactive application.
- Created a user interface that easily facilitated information about muscle groups.
- Programmed a tailored schedule based on user's experience levels and goals.
- Collaborated and presented project with a partner.

Society of Hispanic Professional Engineers, Atlanta, GA – *Member, Georgia Tech Chapter*

Aug 2024 – Present

- Participated in the PEP mentorship program.
- Developed leadership and interpersonal skills.

WKU Association of Computing Machinery, Bowling Green, KY – *Secretary*

Aug 2022 – May 2024

- Gave presentations on different topics within the computer science field.
- Responsible for advertising club at events.
- Attended weekly meetings on members' current interests.

Housing Authority, Bowling Green, KY – *Tutor*

Aug 2022 – May 2023

- Tutored children grades K-3rd in reading, writing, and arithmetic.
- Created games involving multiplication and spelling to promote a positive learning experience.
- Derived methods to keep students engaged such as homemade incentives.

Gatton Academy, Bowling Green, KY – *Community Developer*

Aug 2023 – May 2024

- Mitigated disagreements between community members.
- In charge of creating a positive and supportive community on dormitory wing.
- Provided information for incoming students.
- Hosted community activities such as movie and paint nights.
- Attended meetings with Residential Director to discuss any interpersonal issues.

SKILLS

Programming: Java, Assembly, C, Python, MATLAB

Applications: SolidWorks, ROS

Languages: Native English, Conversational Spanish, Elementary Mandarin