

# Gabriella Smith

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## EDUCATION

**Bachelor of Computer Science** May 2026  
University of Florida, Gainesville, FL GPA: 3.88

## COURSEWORK

- Data Structures and Algorithms, Introduction to Software Engineering, and Computer Organization

## SKILLS

- Proficient in Python, C++, JavaScript, HTML, CSS, Anaconda, and Unity.
- Received certification from IBM in an Introduction to AI.

## Relevant Experience

Where's My Water, **Verizon/University of Florida AI Days Hackathon** October 2023

- Helped design a web application that tracked groundwater levels and predicted future levels of depletion based on user input.
- Awarded First Place and Most Popular for the AI Days Hackathon.

Summer Immersion Program TA, **Girls Who Code** June 2023 – July 2023

- Taught game design principles and programming concepts to over 120 high school girls using JavaScript and the P5Play Library.
- Mentored a group of 16 students through the program while debugging and providing critical feedback.
- Invited as a panelist for a Girls Who Code roundtable and asked to use video of my teaching lessons as a guiding educational (or instructional) media for future instructors to reference.

Diabetes VR Team Member, **Dream Team Engineering** August 2023 – Present

- Collaborated on the Diabetes VR Team helping create objects in a 3D game for newly diagnosed children with diabetes to properly read nutrition labels and learn about sugars in food.

Computer Science Summer Institute Scholar, **Google** July 2022 – August 2022

- Collaborated in an introductory project-based HTML/CSS and JavaScript curriculum taught by Google Engineers to motivate the next generation of computer scientists.
- Completed 10 individual coding projects to improve JavaScript and HTML skills.
- Delivered a collaborative final project presentation including a live demonstration for Google Employees and Community Leaders.

## Projects

Marietta Local Art Scene – JavaScript, HTML, CSS June 2023

- Produced a web application for local artists to create a profile to display artwork and purchasing information for patrons to connect with artists in their area.
- Designed and implemented a login page, artist profile component, and complex carousel displaying artwork and purchasing information to improve site functionality.

Recipe Helper – JavaScript, HTML, CSS July 2022

- Constructed a website where the user selects what food or dietary restriction they had, and using integrated user assistance would generate a recipe following these guidelines.
- Utilized the API database Edamam to provide recipes along with JavaScript backend programming to save the user's choices.
- Collaborated with two other students to present the website to peers and Google Employees.

HIV PrEP Project, - NodeJS, AWS, Synthesia August 2023 – Present

- Creating an interactive chatbox for the Virtual Environments Research Group to answer questions about HIV PrEP by designing two virtual humans integrated with large-language models to lower the rate of HIV in young adult African Americans by providing a personalized experience.

## Leadership

**Director of Software – Dream Team Engineering** April 2024 - Present

- Assist in software project management ranging from connecting with local healthcare facilities to creating new projects.
- Manage a team of over 30 undergraduate students in executing ideas and facilitating progress to make applications with an impact.

**Engineering Ambassador– Herbert Wertheim College of Engineering** January 2024- Present

- Serve as a representative for the Herbert Wertheim College of Engineering by giving tours to prospective students and families, organizing engineering interest events, and assisting in the college's commencement ceremonies.

**Engineering Peer Advisor – Herbert Wertheim College of Engineering** September 2023 - Present

- Advises engineering students with walk-in and booked office hours to help them with their schedule, investigate involvement opportunities, and any questions they have.
- Speak at panels of around 30 prospective students and families for the College of Engineering with college advisors.