

# Caleb Copley

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## EDUCATION

**Georgia Institute of Technology (GT)**, Atlanta, GA December 2027

GPA: 4.00/4.00

*Bachelor of Computer Science and Minor in Mathematics*

Concentration Threads: Media and Intelligence

**Augusta University (AU)**, Augusta, GA

August 2023 - December 2024

Zell Miller Scholarship, Lillian P and Rattner Scholarship, Dean's List Fall 2023, Spring 2024, and Fall 2024

## TECHNICAL SKILLS

**Programming Languages:** Python, C#, Java, JavaScript

**Other:** Weebly, Unity, Excel, MATLAB, GitHub, CSS, HTML, React

## RELEVANT COURSEWORK

Object-Oriented Programming, Computer Organization, Statistics and Probability, Public Speaking, Principles of Computer Programming, Linear Algebra, Scripting and Automation, Data Structures, Applied Combinatorics, and Objects and Design

## PROJECTS

**3 2 1 Draw!**, *Team Lead and Head Programmer* August 2025 - Present

- Leading a team of over 90 students in an effort to turn my vision into an indie game
- Reviewing daily pull requests from a software team to ensure quality code and a scalable code base
- Hosting weekly meetings to evaluate team progress and set realistic goals for the quarter

**Coding Portfolio Website**, *Individual Effort* July 2025 - Present

- Developed a website with HTML, CSS, and JavaScript that showcases my personal code and describes my projects
- Utilized GitHub to host the website, which can be found here: <https://ccopley04.github.io/>

**Electronic ARTrium**, *Visual and Sound Design Team Member and Head of Creative Ideation* January 2025 - Present

- Worked to complete an immersive exhibit called Bee My Guide that was showcased to hundreds of families
- Oversaw the implementation of three high-quality animated narrators to replace any faulty animatronics, through Unity
- Compiled research about current gaming technologies to better create realistic and lofty goals for our next project

**Political Ideology Calculator**, *Individual Effort* June 2025 - August 2025

- Developed an online web application with JavaScript which takes in user input on a number of political axes
- Implemented the Gemini AI API to take in user input and generate a new ideology based on an engineered prompt

**Mourning Brew**, *Video Game Developer* January 2025 - May 2025

- Developed a small indie game as a member of the Georgia Tech Video Game Development Club
- Implemented smooth animations and a user interface with Unity

**Humanities Website**, *Web Designer and Team Leader* January 2024 - May 2024

- Led a team of peers in an effort to compile our creative portfolios onto a website and used Weebly to design the site

## EXPERIENCE

*Math Instructor*, **Mathnasium**, Evans, GA May 2023 - December 2024

- Utilized a variety of mathematical teaching methods to ensure students from 2<sup>nd</sup> to 12<sup>th</sup> grade were able to succeed
- Trained incoming instructors on administrative processes, instructional methods, and student interactions

*Teaching Assistant*, **Augusta University**, Augusta, GA August 2024 - December 2024

- Graded a multitude of college level code for syntax and readability to thoroughly monitor progress of students
- Utilized a deep understanding of coding principles to simplify complex topics and ensure the understanding of students

## LEADERSHIP AND COMMUNITY INVOLVEMENT

**Together at Warren Ministries**, *Youth Leader* May 2019 - Present

- Oversaw of room of special needs students and led them in productive and safe activities
- Worked one on one with students and ensured their needs were met at Warren Baptist Church

**Central Savannah River Area Home Education Association Beta Club**, *Active Member* August 2019 - May 2024

- Participated in projects dedicated to serving the immediate community of Augusta, GA
- Worked in a team setting to fulfill tasks such as cleaning, providing services for people in need, and fundraising

## ADDITIONAL SKILLS AND INTERESTS

**Interests:** Board Games, Game Design and Design Principles, Video Games, Movies, and Puzzles

**Current Student Organizations:** GT Honors Program, Video Game Dev Club, Transfer Student Association, Board Game Club

**Career Competencies:** Teaching, Public Speaking, Organization, and Management