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: Modeling/Simulation and Media

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

TECHINICAL SKILLS

Programming Languages: Python, C#, Java, JavaScript, TypeScript
Other: Weebly, Unity, Excel, MATLAB, GitHub, CSS, HTML, React

RELEVANT COURSEWORK

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

PROJECTS

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
- Utilizing GitHub to host the website, which can be found here: https://ccopley04.github.io/
- Included dynamic sizing for a diverse set of web page sizes, as well as user customization

Electronic ARTrium, *Visual and Sound Design Team Member and Creative Ideation Team*   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

Three Two One... Draw!, *Team Leader and Lead Software Developer*   October 2024 - Present
- Leading a small team of a few other students to develop a deck building indie video game
- Implementing an object-oriented software structure to mimic a card game and ensure scalability

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 detailed, political axes
- Implemented the Gemini AI API to take in user input, along with an engineered prompt, and generate a new ideology

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 character animations and user interface with Unity and C#

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

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

Math Instructor, **Mathnasium**, Evans, GA   May 2023 – December 2024
- Utilized a variety of mathematical teaching methods to ensure students from 2nd to 12th grade were able to succeed
- Trained incoming instructors on administrative processes, instructional methods, and student interactions

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