

# Mitchell Comer

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## Education

### Georgia Institute of Technology (Transfer)

*Bachelor of Science in Computer Science*

Concentrations in Intelligence/Modeling and Simulation

Atlanta, GA

Expected May 2027

### University of Massachusetts

*Bachelor of Science in Computer Science, GPA: 4.0*

Amherst, MA

May 2024

- Relevant Coursework: Object Oriented Programming, Data Structures, Calculus I/II/III, Linear algebra, Reasoning Under Uncertainty

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## Skills

**Programming Languages:** Java, Python, C#, C, C++, SQL, HTML, CSS, Nix

**Frameworks and Libraries:** Scikit-learn, Pandas, NumPy, Matplotlib, Joblib, Junit

**Tools and Platforms:** Git, Github, VSCode, Anaconda, Linux, CMake

**Certifications:** IBM Cybersecurity Fundamentals, SQL Essential Training

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## Relevant Experience

### Hytech Racing - Software Division

*Developer*

Atlanta, GA

August 2024 – present

- Developing Unit tests for Main Control Unit in C++, improving code reliability and reducing system defects
- Assisted in the development of an MCAP offloader service, facilitating the transfer of critical vehicle data to cloud storage.
- Contributed to onboarding documentation about Nix, CMake, and C++ best practices to support future members

### Work Based Learning Alliance

*Cybersecurity Intern*

Hingham, MA

August 2023 - August 2023

- Investigated and evaluated the severity of weaknesses in a website based on a security scan to research potential solutions
- Presented recommended solutions to my supervisor and enabled the resolution of the 20+ identified threats

### RGB Computer Solutions

*Intern/Technician*

Hingham, MA

October 2022-March 2023

- Interpreted Windows and Macintosh operating system issues with 2+ computer systems a day in order to repair and optimize them
- Guided customers step-by-step through their technological issues to educate them, reducing future repeat service requests

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## Projects

### Elemental Survivor

May 2024 - Present

- Designing and Developing a 3D story-driven puzzle game, by conceptualizing advanced game mechanics to engage players
- Optimizing game performance through ongoing code refinement and best practices in memory management to ensure a seamless player experience
- Architected a robust event-based system architecture in Unity, with currently over 60 C# scripts developed that implement key game functionalities, with a strong focus on object-oriented programming principles

### Personal Portfolio Website - Comerm28.github.io

October 2023 – November 2023

- Developed a personal portfolio website from scratch, showcasing technical qualifications such as version control and expertise in multiple programming languages
- Integrated 2 data analysis projects into a dedicated section called "The Lab," showcasing skills in data manipulation, visualization, and statistical analysis

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## Extracurricular and Leadership Experience

### GT Finance Society

*Member* – Attend weekly financial literacy workshops, Learn from industry leaders and companies about finance in industry

Atlanta, GA

### American Legion Massachusetts Boys State

*Election Official* – Learned leadership, economics, and politics in seminars, Directed elections and kept integrity in mock government processes

Easton, MA

### Beth Israel Medical Center in Boston and Suburban Home Health

*Organizer/Volunteer* - Planned Hingham community efforts and donations for war in Ukraine, Volunteered receiving, organizing, and cataloguing items totaling \$1,000+ received, recognized by Polish White Eagle(newspaper in Poland)

Hingham, MA