

# Akina Castellano

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## EDUCATION

### Georgia Institute of Technology

*Bachelor of Science, Computer Science*

Threads, Intelligence and Media

Atlanta, GA

May 2025

## TECHNICAL SKILLS

**Programming Languages:** Java, JavaScript, Python, C/C++, C#, SQL, GLSL, HTML, Swift

**Operating Systems:** Windows, Apple iOS

**Database:** Microsoft SQL Server, Oracle

**Software:** PostgreSQL, ITSM Service Now, XCode, Android Studio, MS FrontPage, Google Workspace, Jira, Trello, Adobe Photoshop/After Effects, Unity

## PROFESSIONAL EXPERIENCE

### CAI

Remote

*Software Developer*

May 2025 - Present

- Design, develop, and maintain software applications and utility programs. Analyze user needs to create efficient, optimized, customized solutions. Write testable, efficient code, implement new features, debug issues, and support systems. Develop and direct software system testing and validation procedure and strategy.

*IT Intern*

June 2024 - August 2024

- Maintained and enhanced FedEx-owned applications used by 530k+ employees worldwide, resolving 10+ technical issues across systems like the Ground Identification Badging System, Safety Compliance Management System, and Liquid Office Eforms using JavaScript, SQL, and Oracle Database.
- Contributed to modernizing legacy systems in collaboration with the Operations team, improving system efficiency and operational transparency.

### Georgia Tech Campus Recreation Center (CRC)

Atlanta, GA

*Special Operations Assistant*

October 2024 - April 2025

- Perform facility maintenance, help with renovations and remodeling, operate power equipment, and provide support to keep building operations running smoothly.

*Building Supervisor*

January 2024 - August 2024

- Oversaw the operations of a 300k square foot facility, managed events, enforced policies, and ensured high-quality service for over 25k patrons by supervising a team of 50+ facility assistants.

*Facility Assistant*

May 2023 - December 2023

- Ensured a safe, clean, and efficient environment by overseeing fitness center operations, assisting over 25k patrons, monitoring equipment checkout, and reporting maintenance issues.

## PROFESSIONAL CERTIFICATES

**Microsoft 365 Certified: Fundamentals (2024)**

## PROJECT EXPERIENCE

### Unity Video Game, App Development

January 2025– May 2025

- Developed a Unity-based 3D third-person survival game featuring real-time character control, AI pathfinding, and environmental interaction. Contributed to level design, gameplay mechanics, UI systems, and C# scripting, with features like root motion animation, NavMesh enemies, puzzle elements, and interactive menus.

### Physical Diagnosis App, App Development

January 2024 – December 2024

- Collaborating with Emory client to design a physical diagnosis app focused on melanoma awareness and early detection, with an integrated scanning function that allows users to receive an accurate diagnosis regarding severity and type of skin cancer along with ability to track scan records and compare to similar existing photos in a database.

### Video Game Application, App Development

September 2023 - December 2023

- Developed a 2D RPG mobile game in Java using Android Studio, featuring character sprite selection and progressively challenging levels. Created dynamic gameplay through efficient game state and difficulty progression management, and integrated a scoreboard to enhance user engagement and track player progress.

### Banking Database System Application, Database Management

November 2022 - December 2022

- Designed a banking application GUI using Tkinter with PostgreSQL integration, supporting transactions and account management. Implemented role-based functionalities for Manager, Teller, and Customer to ensure secure operations.

## CAMPUS & COMMUNITY INVOLVEMENT

**GOALSoccer, Georgia Tech Coach**

Atlanta, GA September 2024 - May 2025

**Ascend Club, Georgia Tech Art/Media Team Member**

Atlanta, GA March 2023 – August 2024

**Esports, Illinois Tech Events/Content Team Member**

Chicago, IL August 2022 - January 2023

**NCAA Division III Collegiate Soccer, Illinois Tech Player**

Chicago, IL August 2021 - December 2022