

Talem Damene

☎ 770-432-7777 | ✉ tdamene3@gatech.edu | [in linkedin.com/in/talem-d](https://www.linkedin.com/in/talem-d) | github.com/talem-d

EDUCATION

Georgia Institute of Technology

Fall 2026

Bachelor of Science in Computer Science

Atlanta, GA

Relevant Coursework: Data Structures and Algorithms, Object-Oriented Programming, Computer Architecture, Systems and Networking, Design and Analysis of Algorithms, Objects and Design Principles

Distinctions: Chevron Diversity Scholarship, Dean's List, Georgia Hope Scholarship, Pell Grant Recipient

EXPERIENCE

Software Engineering Intern

May – Current

Liberty Mutual Insurance

Portsmouth, New Hampshire

- Created an AWS Glue job to ingest GLP billing files and update reconciliation tables, **improving monthly processing efficiency by 50%**.
- Enhanced Lambda functions with retry logic and error handling, reducing manual intervention and failure rate.
- Completed Pluralsight courses on product strategy and system design, sharpening skills in prioritization and debugging.

Special Project Assistant

June – Current

Georgia Tech Division HR Support

Remote

- Assist the launch of a Microsoft 365-based HR Automation Hub to streamline student hiring workflows across the division.
- Creating 30+ standardized email templates to reduce HR inbox load, **improving response efficiency by over 50%**.
- Building and testing Microsoft Forms and Power Automate flows with logic, routing, and auto-notifications.

Student Assistant

September – Current

Georgia Tech Bursar and Treasury Services

Atlanta, GA

- Testing AI Chatbot for accuracy by submitting student inquiry prompts, documenting errors, and helping **enhance response quality by 20%**.
- Answering phones and address inquiries regarding student accounts and respond to emails to Bursar for 10+ hrs/week.
- Managing various filing duties and organize items for retention purposes, shredding unnecessary documents.

Mathematics Tutor

July 2021 – Current

Addictive Math Inc.

Lawrenceville, GA

- Tutored 8 students for 6+ hrs. per week K-12 in courses ranging from K-Math to Calculus, **boosting test scores by 15%**.
- Taught students in subjects such as Language Arts, Spanish, and Science, improving their communication skills.

Mentoring Intern

July 2021 – April 2022

The Shine Community

Lawrenceville, GA

- Mentored adults with developmental disabilities in coding, robotics, and recreational activities for 10-14 hours per week.
- Created 40+ lessons on code.org** teaching how to use block code and basic programming logic to create coding games.

PROJECTS

Authentication and Authorization Custos | *Java, Python, Node.js, React, HTML*

August 2024 – Present

- Developed a full-stack end-user client application utilizing Custos for authentication/authorization, modeling GABC
- Collaborated with a team of 4 to implement authentication using Custos and their details (name, email) are displayed after successful login and authorization (e.g. button that is accessible based on the user's group, role, or attributes)

GBA Ping Pong Match | *C, Docker, GBA Emulators, Github*

April – May 2024

- Programmed an interactive Ping Pong Game in C with a start, lose, win, and play again screen
- The game's features include AI opponent, a timer, and point tracking system

LEADERSHIP / EXTRACURRICULAR

Georgia Tech Black Women Support Group

May 2024 – December 2024

Incoming Event Coordinator

Georgia Tech

- Work to be determined

Ethiopian Eritrean Student Association

August 2023 – May 2025

Dance Coordinator

Georgia Tech

- Taught (40+) students across three weekly 2 hour sessions, fostering cultural connection through traditional Habesha dance.
- Coordinated dance choreographies for events such as Taste of Africa (500+ guests) and GT Culture Fest.

Technical Interview Prep and Cybersecurity Course

May 2024 – December 2024

Coding Member

CodePath

- Committing 5-10 hrs. over 10 weeks mastering techniques to technical interviews and cybersecurity principles.
- Developing a deeper understanding of real-world challenges in the tech industry through hands-on experience.

TECHNICAL SKILLS

Languages and Tools: Java, Python, C, JavaScript, SQL, HTML/CSS, Assembly, Github, Docker, VS Code, IntelliJ, Windows

Conversational Languages: English, Amharic