

Tobi Obitayo

Atlanta, GA • tobitayo3@gatech.edu • 563-313-0138 • [linkedin.com/in/tobi-obitayo/](https://www.linkedin.com/in/tobi-obitayo/) • github.com/tobi-obitayo • US Citizen

EDUCATION

Georgia Institute of Technology

Bachelor of Science in Computer Science

May 2027

GPA: 3.9/4

- **Concentration:** Information Internetworks and Cybersecurity & Privacy
- **Relevant Coursework:** Data Structures and Advanced Algorithms, Systems and Networks, Computer Architecture, Discrete Mathematics, Linear Algebra, Object Oriented Programming, Privacy Tech Policy Law, Computing Ethics,

EXPERIENCE

Georgia Tech College of Computing

Teaching Assistant, Privacy Tech Policy Law

Atlanta, GA

Aug 2025 – Present

- Delivered guest lectures on ethics in technology to 90+ students, presenting frameworks like the IEEE 7000
- Co-designed policy analysis projects covering the Texas/Mississippi Age Verification Law, HIPAA bill, and AI Privacy Impact Assessments.
- Coordinated grading, assignment distribution, and course resources using Canvas, OneDrive, and Excel.

Terrace Technologies Internship Program

Software Engineering Intern

Atlanta, GA

Aug 2025 – Dec 2025

- Developed a full-stack internal dashboard using React and Firebase, enabling real-time employee order tracking and invoice management.
- Diagnosed and resolved production bugs within an established codebase, deepening understanding of scalable front-end architecture and Firestore data workflows.

Better Place Drones, Vertically Integrated Project

AI/ML Engineer

Atlanta, GA

Aug 2025 – Present

- Designed path planning algorithms and flight code using Flask, HTML, Mission Planner, and ArduPilot to automate autonomous drone navigation.
- Trained YOLOv8 models on custom-labeled datasets for real-time water rescue object detection
- Reached semifinals of the \$5M XPRIZE Wildfire competition.

PROJECTS

Tab Dashboard | *Vanilla JavaScript, IndexedDB*

Mar 2026 – Present

- Built a personal browser new-tab replacement using vanilla JavaScript and IndexedDB featuring draggable/resizable widget cards (notes, tasks, links) with persistent local layout.
- Supports dark mode, markdown rendering in note widgets, multiple layout modes (Clamp, Pan, Pages), and three widget interaction models.

GT IEEE RoboTech Hackathon Scoring System | *React, TypeScript, Vite, Firebase*

Sept 2025 – Jan 2026

- Built a role-based scoring platform supporting 120+ competitors and 30+ judges with real-time score entry, collaborative feedback, and Firestore Auth-enforced access control.

CS 2200 Interactive Resource Visualizer | *HTML, CSS, JavaScript*

Feb 2026 – Mar 2026

- Created two lightweight interactive visualizers used by 500+ Georgia Tech students to understand computer architecture concepts and CPU scheduling processes.
- Open-sourced and officially endorsed by the GT CS instructional team.

PROFESSIONAL SKILLS

Programming Languages: Python, Java, JavaScript, TypeScript, Flutter, C, HTML, CSS

Frameworks & Libraries: React.js, Node.js, Django, Vite, YOLOv8

Cloud & Platforms: Firebase, Firestore, SQLite

Tools: Git, ArduPilot, Mission Planner, Excel, PowerPoint, Slack, Jira, Canvas

Methodologies: Agile, Scrum