

Ayane Yokoya

Atlanta, GA | a-yokoya@outlook.com | (678) 478-0490 | linkedin.com/in/ayane-yokoya/ | github.com/ayaneyokoya

Education

Georgia Institute of Technology, B.S. in Computer Science

June 2022 - Dec 2025

Concentration: Information Internetworks & People

GPA: 3.67/4.0

Awards: Dean's List, 2024 HKN Outstanding Student Scholarship, Zell Miller Scholarship

Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Database Systems, Computer Systems & Networks, Computer Organization, UI Design, Mobile App Development

Experience

Software Engineer Intern, Meta – Seattle, WA

May 2025 – Aug 2025

- Built 1-click campaign conversion feature in Shopify Meta App, lowering cost per conversion by **6%** in pilot tests.
- Optimized advertiser workflows via GraphQL mutations & Mid-Flight Recommendation pipelines.
- Resolved cross-surface commerce ads issues by aligning SMA with Ads Manager and partner tools.

Software Development Engineer Intern, Amazon Web Services – Seattle, WA

May 2024 – Aug 2024

- Created **self-service tool** with DynamoDB + GraphQL/CDK eliminating all manual business config updates and ensuring scalable, fault-tolerant updates across distributed systems..
- Automated vendor contact creation & permissions across **3+ services**, cutting onboarding time significantly.
- Strengthened internal app security by implementing auditing for user and configuration changes.

Application Engineer Intern, Waystar – Atlanta, GA

Jan 2024 – May 2024

- Led 5-person Scrum team automating transaction integrity checks with AWS Lambda, improving monitoring.
- Modernized internal admin tools with ReactJS & fixed backend errors, raising system reliability.
- Integrated APIs with SQL databases, reducing client account verification time by **5%**.

Projects

Fork'd | SwiftUI, NodeJS, Postgres, Auth0

Aug 2025 - Current

- Designing a campus-focused food discovery platform with 4 undergraduates leveraging geospatial queries and recommendation jobs, enabling students to explore underrepresented dining spots.
- Implementing SSO authentication (Auth0 + OIDC) and CoreLocation geofencing to restrict reviews to campus-specific spots.
- Architecting backend with Node.js + Postgres (PostGIS) for geospatial queries, S3 storage for photos, and scheduled aggregation jobs to surface “Top Picks” recommendations.
- Currently developing MVP and gathering student feedback through low-fidelity prototypes and interviews.

Lock-In | SwiftUI, Firebase

Aug 2025 - Sep 2025

- Led a team of 3 engineers in a **1-month** timeline as a school challenge project, delivering a cross-device task management app with real-time Firestore sync.
- Integrated push notifications for task reminders and deadlines, improving user adherence.
- Added location tracking for context-aware notifications (e.g., reminders when arriving at a specific place).
- Supported anonymous + email/password auth with seamless account upgrades, ensuring data continuity.

SonoGest | Python, MediaPipe, OpenCV, Tkinter

Jan 2025 - May 2025

- Led a team of 4 engineers to build a tool for hands-free Ableton Live control, enabling gesture-based recording, playback, and FX.
- Expanded DAW functionality by integrating the AbletonOSC API to support recording, playback, track arming, and pitch/effects control, while resolving undocumented OSC behaviors and message-queue crashes.
- Migrated from Tkinter to web UI with WebSockets, preparing for deployment on Vercel.

Skills

Languages: SwiftUI, Java, JavaScript, PHP, GraphQL, TypeScript,, Python, C, C++, C#, Assembly, Golang, SQL, CSS/HTML, XML

Technologies: AWS Services, ReactJS, Firebase, Docker, Postgres, MongoDB, Express, JavaFX, NodeJS, GitHub, MySQL, Postman, Vite, Redux, Android Studio, Figma, Cloud Computing, OpenCV, MediaPipe, RestAPI

Business Skills: Leadership, Cross-team Collaboration, Communication, Project Management, Problem-Solving, Documentation