

Ayane Yokoya

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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

- Achieved a 6% lower cost per conversion in pilot tests by designing and implementing a 1-click campaign conversion feature in the Shopify Meta App (SMA).
- Improved advertiser workflows by utilizing GraphQL mutations and optimizing Mid-Flight Recommendation pipelines to support campaign trait conversion.
- Advanced commerce ads alignment by integrating SMA with Ads Manager and other tools, resolving cross-surface issues in collaboration with multiple teams.

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

May 2024 – Aug 2024

- Eliminated developer time for manual business configuration updates completely by creating a Self-Service Tool for business admins to manage their business details, integrating DynamoDB, API calls, and GraphQL within the CDK for real-time updates and modifiable storage of configurations.
- Reduced onboarding time across 3+ source management services by automating user contact creation with VendorID and permission assignment logic.
- Enhanced internal application security by implementing auditing systems for user creation and configuration changes.

Application Engineer Intern, Waystar – Atlanta, GA

Jan 2024 – May 2024

- Optimized transaction error monitoring efficiency by leading a 5-person Scrum team in automating scheduled database integrity checks using scripts and AWS Lambda.
- Modernized internal administrative tools by updating the UI with ReactJS and resolving backend system errors.
- Accelerated client bank account verification by 5% by integrating third-party verification APIs with SQL databases.

Projects

SonoGest | Python, MediaPipe, OpenCV, Tkinter

Jan 2025 - May 2025

- Enabled hands-free control of Ableton Live by leading a team of 4 to design a computer-vision tool using MediaPipe, OpenCV, and hand landmark tracking for real-time single and dual gesture recognition.
- 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.
- Improved responsiveness and deployment readiness by migrating the interface from Tkinter to a web-based UI with websockets, positioning the app for hosting on platforms like Vercel.

AI Summarizer Tool | ReactJS, TailwindCSS

July 2023

- Delivered AI-generated article synopses by building and deploying a web application with Vite and RTK Query API requests triggered conditionally.
- Enhanced usability by implementing save-history with local storage and copy-to-clipboard functionality for user convenience.

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