

EVAN LEE

 evanj3034@gmail.com

 github.com/jlee600

 evanlee.site

Education

Georgia Institute of Technology

Bachelor of Science in Computer Science

Expected Graduation: Dec 2026

Atlanta, GA

- Cumulative GPA: 4.0/4.0
- Concentration: Information Internetworks & Intelligence
- Relevant Coursework: Object-Oriented Programming, Data Structures, Systems & Network, Algorithms Analysis, Computer Networking, Artificial Intelligence, Computer Vision, Database Management, Computer Architecture

Experience

Software Engineer Intern

K.L. Scott & Associates

Oct 2025 – Present

Atlanta, GA

- Engineered automation for **27 manual research workflows** using **n8n** and an internal **AI agent**, streamlining data extraction and report generation to reduce analysis time by **33%**.
- Designed and deployed a **PostgreSQL** database on **Azure** from the ground up to support AI agent workflows, normalizing **24** interrelated tables and improving query efficiency by **18%** across analytic pipelines.

Software Engineer

EPIC Lab

Jan 2025 – Present

Atlanta, GA

- Developed **intelligent controllers** for robotic exoskeletons, integrating **machine learning models** to predict user intent and optimize **torque assistance** across varying gait conditions and biomechanical constraints.
- Built a full-stack real-time dashboard with **local API server and SSH automation** that allowed **25** doctorate researchers to configure and launch **NVIDIA Jetson**-based controllers, cutting setup latency by **55%**.

Software Engineer Intern

SendSafely

May 2025 – Aug 2025

Newark, DE

- Automated **CI/CD pipelines** and production deployments for multi-language SDKs using **GitHub Actions**, **AWS S3**, and **shell scripting**, cutting deployment time by about **43%** and resolving recurring build issues.
- Migrated internal encryption infrastructure to **AWS Key Management Service**, replacing legacy **Secrets Manager** workflows and reducing manual key rotations by **76%** while strengthening production security.

OOP Head Tutor

GSU Department of Computer Science

Sep 2023 – Dec 2024

Atlanta, GA

- Led a team of **12 honors tutors** supporting **CS 1301/CS 1302** courses with over **200 enrolled students**, organizing weekly review sessions for over **30 participants** covering **Object-Oriented Programming** and **Data Structures**.
- Delivered over **40 original concept and coding problems**, managing session logistics and improving student quiz performance by approximately **14%**.

Projects

Collab-Plan AI | Python, FastAPI, SQL, Ollama, faster-whisper, Hugging Face, React

- Developed a full-stack **AI-powered conversation platform** integrating **FastAPI**, **SQLite**, and **React**, with local **Ollama LLM** to convert unstructured dialogue into structured summaries and tasks across **3** input modes.
- Implemented an audio and text processing pipeline using **FFmpeg**, **webrtcvad**, **faster-whisper**, and **pyannote.audio**, improving transcription clarity by about **11%** and enabling accurate speaker attribution.

Spotify-Wrapped Mock-up | Java, Kotlin, Android Studio, XML, SQL

- Directed **6** developers in building a Spotify Wrapped app on **Android Studio**, optimizing API response times by **15%** through batched **HTTP request handling** and asynchronous processing.
- Designed an optimized **SQLite schema** for user history management, improving local data retrieval performance by **29%** while maintaining UI responsiveness under XML layout constraints.

Skills

Languages: Python, Java, C, TypeScript, JavaScript, SQL, Assembly

Technologies: REST APIs, PostgreSQL, MySQL, SQLite, Android Studio, HTML/CSS

Frameworks & Cloud: FastAPI, React, Tailwind, Hugging Face, AWS (KMS, Secrets Manager, S3), GitHub Actions, n8n

Developer Tools: Git, Docker, Chrome DevTools, Jira, VS Code, IntelliJ, MySQL Workbench, DataGrip

Leadership Roles: Media Manager – Georgia Tech Korean CS Organization, Operations Assistant – GT Career Fair