

# EVAN LEE

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## 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

**Oct 2025 – Present**

*K.L. Scott & Associates*

*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

**Jan 2025 – Present**

*EPIC Lab*

*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

**May 2025 – Aug 2025**

*SendSafely*

*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

**Sep 2023 – Dec 2024**

*GSU Department of Computer Science*

*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