

# JINSEO “EVAN” LEE

✉ [evanj3034@gmail.com](mailto:evanj3034@gmail.com)    [linkedin.com/in/jlee4223](https://linkedin.com/in/jlee4223)    [github.com/jlee600](https://github.com/jlee600)    [evanlee.site](https://evanlee.site)

## Education

### Georgia Institute of Technology

*Bachelor of Science in Computer Science*

*Concentration: Information Internetworks & Intelligence | Cumulative GPA: 4.0/4.0*

**Expected Graduation: Dec 2026**

*Atlanta, GA*

## Relevant Coursework

- Data Structures
- Algorithms Analysis
- Artificial Intelligence
- Database Management
- Systems & Network
- Computer Networking
- Computer Vision
- Computer Architecture

## Experience

### AI Agent Software Developer Intern

*K.L. Scott & Associates*

**Oct 2025 – Present**

*Atlanta, GA*

### 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, user profiles, and biomechanical constraints.
- Built and deployed a real-time sensor **visualization** pipeline using Python and **Dash**, reducing data latency by **18%** and improving responsiveness of torque-assist prediction models through **TCN** (Temporal Convolutional Networks).

### Software Engineer Intern

*SendSafely*

**May 2025 – Aug 2025**

*Newark, DE*

- Automated **CI/CD pipelines** and **production deployments** for Python, Java, and JavaScript SDKs using **GitHub Actions**, **AWS S3**, and **shell script**, reducing release times by **32%** and eliminating over **8** recurring build failures.
- Migrated internal encryption infrastructure to **AWS Key Management Service** by replacing **Secrets Manager** workflows, reducing manual key rotation by **80%** and improving encryption reliability across production environments.

### Object-Oriented Programming Head Tutor

*Honors College - Georgia State University*

**Sep 2023 – Feb 2024**

*Atlanta, GA*

- Led a team of **6 honors tutors**, coordinating weekly sessions for over **30** students, covering **OOP**, **Data Structures**, and **data manipulation** using the **Pandas library**, reinforcing foundational understanding through applied learning.
- Spearheaded **logistics** and content planning, fostering an effective learning environment through personalized instruction, while creating over **25 coding practice problems** to solidify comprehension of core CS concepts.

## Projects

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

- Built a full-stack **AI**-powered conversation platform integrating **FastAPI**, **SQLite**, and **React**, with local **Ollama LLM** to generate structured knowledge from unstructured input, supporting **3** ingestion modes and multi-format exports.
- Implemented an end-to-end audio and text processing pipeline using **FFmpeg**, **webrtcvad**, **faster-whisper**, and **pyannote.audio** for transcription and diarization, reducing noise by **35%** and enabling speaker-attributed transcripts.

### Spotify-Wrapped Mock-up | *Java, Android Studio, Gradle, XML, SQL*

- Directed **6** developers in building a Spotify Wrapped app on **Android Studio**, improving **API** response time by **13%** through **HTTP request** handling and **asynchronous processing**, while integrating Adobe Express into the UI.
- Employed an optimized **SQLite** database schema to enhance **CRUD** operations for storing and managing user history, supporting efficient local data storage and retrieval for user access while navigating frontend constraints in **XML**.

### Encrypted File Transfer CLI | *Java, SendSafely API, Maven*

- Developed a secure file transfer workflow leveraging the SendSafely **API** for automated file **encryption**, real-time progress tracking, and secure link generation within the command line, reducing manual transfer effort by **45%**.
- Engineered a modular Java solution that integrated **exception management** and detailed **logging**, improving system reliability, and debugging efficiency, and reducing unhandled errors by over **32%** across diverse file transfer scenarios.

## Skills

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

**Technologies:** REST APIs, MySQL, SQLite, Android Studio, HTML/CSS, LaTeX, Jira

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

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

**Leadership Roles:** Media Manager - Georgia Tech Korean CS Organization, Operation Assistant - GT Career Fair