Jinseo "Evan" Lee

✉ evanj3034@gmail.com ⬡ github.com/jlee600 in linkedin.com/in/jlee4223 🌐 evanlee.site

Education

Georgia Institute of Technology **Expected Graduation: Dec 2026**
Bachelor of Science in Computer Science *Atlanta, GA*

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

Experience

AI Agent Software Developer Intern **Oct 2025 – Present**
K.L. Scott & Associates *Atlanta, GA*

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, user profiles, and biomechanical constraints.
- Engineered a **real-time dashboard** using Python and **SSH automation**, enabling over **20** doctorate researchers to visualize IMU and data streams from **NVIDIA Jetson** controllers, improving system monitoring efficiency by **72%**.

Software Engineer Intern **May 2025 – Aug 2025**
SendSafely *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 **Sep 2023 – Feb 2024**
Honors College - Georgia State University *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
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