

TAEHOON LEE

PORTFOLIO ↗
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US Permanent Resident
Atlanta, GA

EDUCATION

AUG '23 — MAY '26

ATLANTA, GA

Emory University

BS Computer Science, BA Psychology

- GPA: 4.0 (Dean's List all semesters)
- Transferred from UC Santa Barbara after first year.
- Relevant coursework: Data Structures & Algorithms, Computer Architecture, Discrete Mathematics, Data Mining

EXPERIENCES

JUN '24 — PRESENT

ATLANTA, GA

Research Assistant in Machine Learning

National Science Foundation

- Developed an interactive Gradio-based web app for image data annotation, enhancing DNN explainability and accuracy using robust visual techniques like RES.

NOV '23 — PRESENT

ATLANTA, GA

Research Assistant in Data Science

Cognition and Visualization Lab

- Collaborated closely with Emory faculty to conduct research on music listening and data engagement behavior (see Projects for more).
- Utilized Python and D3.js to create interactive visualizations that effectively illustrate music listening behaviors and preferences.

JUN '24 — AUG '24

ATLANTA, GA

Software Development Intern (Full Stack)

eStreamly

- Significantly enhanced video-based online shopping experience by redesigning the video player UI, checkout flow, and product management interfaces, focusing on responsiveness, accessibility, and cross-browser compatibility.
- Worked closely with a multidisciplinary team to deliver weekly feature updates and improvements in a fast-paced startup environment.

PROJECTS

NOV '23 — PRESENT

VIEW ABSTRACT ↗

Spotify Warped: Exploring User Data Engagement through Music

- Co-authored research examining how casual music listeners engage with their listening data compared to Quantified Selfers.
- Analyzed user insights through a study of 60 participants to explore user information desires, barriers to data access, and potential applications of personal informatics in music streaming.
- Submitted paper to CSCW 2024 and CHI 2025.

NOV '23 — SEP '24

VIEW REPOSITORY ↗

RIDEmory: Campus Ride-Share Service

- Developed CRUD operations and ride query functions for a dynamic ride-share database for Emory students.
- Led the design and implementation of the web application using React.js.

MAY '24 — AUG '24

VIEW REPOSITORY ↗

Personal Portfolio Website

- Designed and developed a static website to document my most ambitious projects, professional experiences, and personal interests.

<> LANGUAGE

Java, Python, JavaScript, TypeScript, C, C++, C#, HTML, CSS, SCSS, SQL, R, Latex, Markdown

TECH STACK

React, Angular, Flask, Gradio, PyTorch, OpenCV, Pandas, Tailwind CSS, Node.js, Next.js, Framer Motion, Firebase, jQuery, Vite, Git, Linux, Spring Boot, MongoDB, Figma, Adobe XD