

Gianna Kim

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Education

University of California - Los Angeles

Sept 2022 – June 2026

BS in Statistics and Data Science, Bioinformatics Concentration

- GPA: 3.555
- **Scholarship:** Lloyd Foundation Scholarship Recipient, Hattie & Ralph Lloyd Trust (2023-2026) - Awarded to 4 students based on academic excellence and financial need
- **Coursework:** Optimization in statistical & machine learning models (Python/PyTorch/sklearn), Linear Regression (R), Experimental Design (R), Mathematical Statistics, Data Structures (C++)

Projects & Organizations

NLP Archetypal Analysis on Song Lyrics

[github/blade-personas](#) 

- Analyzed and clustered Bladee (musical artist) lyrics gathered from the LyricsGenius API which were preprocessed and run through SBERT to get word embeddings to approximate Archetypal Analysis: Non-negative matrix formation and an Autoencoder
- Created data visualizations to showcase the distributions of archetypes, comparisons of the two models, and archetypes over time
- Tools Used: PyTorch/SBERT/sklearn/Pandas/Numpy/Matplotlib, LyricsGenius API

QR Code Tracking App

[github.io/project-ropa](#) 

- Developed a mobile application in a team of four with Android and IOS support to allow donors to track their donations using a QR Code based system for Project Ropa (Hack2Impact 2025)
- Implemented and deployed the QR code generator, scanner, and "name item" page that adds a new item to the database with user information using react-native-qrcode-svg and expo-camera
- Tools Used: React-Native/Expo/Typescript, Supabase

Map Application with Survey

[github.io/map/i.html](#) 

- Developed a web-app using GIS principles by taking location data from survey answers from Google Form and implementing as geo-points in an embedded map
- Implemented carousel where long-form survey answers are displayed and embedded the survey directly onto the site
- Tools Used: HTML/CSS/JavaScript, MapLibre API/JSON

Professional Experience

Marketing Intern

Los Angeles, CA

TeAda Productions

Sept 2024 – Jan 2025

- Streamlined outreach with a 25% increase in engagement by centralizing and cleaning contact data for CRM software.
- Secured \$15K in funding through researching grant opportunities and assisting in applying for Atherton and LADCA AWE grants.
- 3X increase in grant application output and meeting timeline goals by standardizing and pulling all grant information into a single spreadsheet.

Technologies

Languages: R, Python, HTML/CSS/JavaScript, C++, SQL, React-native/Typescript/TailwindCSS

Libraries/Tools: PyTorch/Torch for R, optim, Sci-Kit Learn, Tableau, Supabase, Expo