

Kaylin Chung

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EDUCATION

UCLA

Expected to Graduate: June 2026

Bachelor of Science in Computer Science

Los Angeles, CA

- Cumulative GPA: 3.8/4.0, Dean's Honor List, Specialized Focus in Technology Management
- **Relevant Coursework:** Software Construction Laboratory, Data Structures and Algorithms (C++), Algorithms & Complexity Theory, Computer Graphics, Computer Architecture & Assembly Language, Multivariable Calculus, Linear Algebra, Differential Equations

TECHNICAL SKILLS

- **Languages:** Python, C++, C, HTML/CSS, JavaScript, SQL, x86 Assembly, Shell Script
- **Frameworks/Databases:** React, React Native, Node.js, Express.js, MongoDB
- **Data Science/ML Libraries:** Pandas, Tensorflow, PyTorch, scikit-learn, NumPy, Seaborn
- **Tools:** Git, Linux, GDB Debugger, Adobe Creative Suite, Canva, Figma, Emacs

RELEVANT EXPERIENCE

UCLA Health Office of Health Informatics & Analytics (OHIA)

June - Present

Machine Learning Engineering Intern

Irvine, California

- Applied exploratory data analysis skills to integrate an End-Stage Kidney Disease predictive model into **Databricks** (DB) platform; involved retrieving over 200 lost features and streamlining deployment for UCLA Health's Nephrology Unit
- Piloted OHIA's LLM experiment that will leverage **Generative AI** and **Text Extraction** to support UCLA Health's Operation and Support employees; involved creating secure data pipelines to Azure OpenAI endpoints & configuring locally-hosted models within DB Unity Catalog

Associated Students of UCLA (ASUCLA) Marketing Department

September 2023 - Present

Frontend Web Developer

Los Angeles, California

- Developed **mobile-responsive landing pages** and digital marketing assets for ASUCLA entities of \$60M+ of combined annual revenue and 20,000+ student-reach that increased user engagement by 30%
- Increased ASUCLA website ADA compliance by 15% via targeted analysis and remediation utilizing the SiteImprove platform

The Data Science Union at UCLA

April 2023 - Present

Director of Data Science Training

Los Angeles, California

- Taught 20-week accelerated Python data science course with focus on **data analysis**, introductory **machine learning**, & **data visualization**
- Pioneered as the first female curriculum director, fostering an inclusive environment through one-on-one peer mentoring and biweekly bonding activities

Association for Computer Machinery (ACM)

November 2023 - Present

Officer of Software Development

Los Angeles, California

- Directed a new event "HackCraft", an 8-week beginner-friendly, technical workshop series teaching 50+ attendees how to build a Chrome extension and Discord Chatbot via live-demo and peer-to-peer mentorship

Software Development Intern

- Spearheaded ACM 12-hour hackathon [event website](#) by updating information with HTML, CSS, JavaScript, Gatsby and MaterialUI to streamline operations efficiency for 100+ participants
- Taught a comprehensive Web API tutorial workshop for hackathon participants, assisting attendees to utilize Web APIs in 30 final projects

PROJECTS

jam | *MongoDB, Express.js, React.js, Node.js, HTML/CSS/JavaScript, Git, GitHub*

- Built a robust [full-stack web app](#) to provide real-time social listening and monthly music statistics
- Leveraged **Express.js** with Spotify API for seamless integration and **MongoDB** for user data storage/retrieval & security authentication

Gilmore Girls Transformer | *Pytorch, Pandas, NumPy*

- Built a **PyTorch Transformer language model** that generated stylistic TV-show script text from scratch
- Attained a comprehensive, math-intensive understanding of the Transformer architecture, including n-grams, neural network language models and attention mechanisms

Yelp Restaurant Review Aspect-Based Sentiment Analysis | *NLP, NLTK, Pandas*

- Utilized aspect-based term extraction with the **BERT NLP** model, leveraging **NLTK** and **Pandas**, to provide more insightful Yelp restaurant reviews through aspect-based sentiment analysis