

Kaylin Chung

kaylinchung@ucla.edu | (714) 856-3530 | [linkedin.com/in/kaylin-chung/](https://www.linkedin.com/in/kaylin-chung/) | github.com/kaylin-chung | [personal website](#)

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
- Relevant Coursework:** Software Construction Laboratory, Data Structures and Algorithms (C++), Computer Graphics, Foundations of Computer Architecture, Multivariable Calculus, Linear Algebra, Differential Equations, Discrete Mathematics

TECHNICAL SKILLS

- Languages:** Python, C++, HTML, JavaScript, CSS, PostgreSQL, x86 Assembly, Bash
- Frameworks:** React, Pandas, PyTorch, scikit-learn, NumPy, Seaborn
- Tools:** Git, GitHub, 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 seamlessly 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, including UCLA Store and restaurants, of \$60M+ of combined annual revenue and 20,000+ student-reach that increased user engagement by 30%
- Increased ASUCLA website accessibility 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

- Pioneered as the first female curriculum director in the club's five-year history, responsible for teaching a 20-week accelerated Python data science course with focus on data cleaning, introductory machine learning, & data visualization techniques

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 by overseeing curriculum development, UCLA-wide marketing, and in-person event logistics, teaching 40+ attendees how to build a Chrome extensions 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
- Constructed 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