

# Kaylin Chung

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## EDUCATION

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### UCLA

Expected to Graduate: June 2026

*B.S. Mathematics of Computation*

*Los Angeles, CA*

- Cumulative GPA: 3.87/4.0
- Relevant Coursework: Introduction to CS, Data Structures and Algorithms, Multivariable Calculus, Linear Algebra

## PROJECTS/WORK EXPERIENCE

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### Personal Website [\[link\]](#) [\[src\]](#)

June 2023

- Designed and developed a personal website featuring unique pages and a navigation bar using **React**, **HTML**, **JavaScript**, and **CSS**
- Enabled dynamic styling via a global theme feature using pure CSS as well as hover animations, text animations, and filter functionality
- Utilized '**gh-pages**' tool to deploy website to GitHub pages

### CHOC MI3 Summer Internship Program

June 2021 – August 2021

*Children's Hospital of Orange County Medical Intelligence and Innovation Immersion Program Summer Intern*

*Orange, California*

- Wrote a scientific abstract to address a rising issue in healthcare: an AI-based drowning detection system
- Engaged in 80+ mentor sessions with various healthcare professionals, shadowed 5 endocrinologists and 1 general surgeon in clinical setting
- Presented on a current nanomedicine setting in a hospital wide monthly meeting

### Research

November 2021

*Depression Detection Using AI: Personal Research Project with Dr. Claire Saunders*

*Remote Setting*

- Created a research paper on depression detection via AI methodologies (facial recognition, eye-gaze tracking, and audio signal processing)
- Awarded "Best Scientific Research Paper" by Dr. Saunders through the Center for Future Global Leaders

## EXTRACURRICULAR ACTIVITIES

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### The Data Science Union at UCLA

April 2023 – Present

*Data Analyst*

*Los Angeles, California*

- Undertook a 10-week accelerated Python data science course and learned data cleaning, machine learning, and data visualization skills

### California Association of Student Councils (CASC)

July 2018 – April 2022

*Elementary/Middle School Program Director*

*California (statewide)*

- Initiated meetings with school administrators to target desired outcomes of one-day leadership workshops
- Assembled a system of 11 regional level outreach directors and led bimonthly accountability meetings
- Oversaw execution of workshops by creating schedules, securing staffing and resources, and tailoring leadership curriculum to the needs of the students

*CASC Summer Camp Assistant Director*

- Managed three simultaneous Zoom meetings for four day, 27 hr conference of 200+ attendees
- Created social media content that effectively generated awareness and resulted in the expected number of attendees, despite it being the inaugural year for virtual camp

*Youth Action Summit of California Co-Director*

- Secured 20 guest speakers, specializing in various sectors of social justice, for conference workshops
- Maintained overall database of 70+ delegates using Zoho and Google Sheets

## TECHNICAL SKILLS

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- **Languages:** Python, C++, HTML, JavaScript, CSS, SQL
- **Tools:** React, VS Code, GitHub, Canva, Figma