

# Charlie Kopp

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## SUMMARY

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Hello! I am Charlie, a statistics geek with a passion for mental health advocacy and highlighting the unique connections that bring humans together in mind and spirit. I am currently studying Statistics and Data Science at UCLA, but what makes me special is my personal journey through sobriety and recovery, and experience with interpersonal communication and leadership. As a young person who has battled through addiction and mental health crises and emerged on the other side with a newfound appreciation for life, my hope is to use my quantitative skills to make a positive impact on the world around me.

## EDUCATION

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### University of California, Los Angeles (UCLA)

*B.S. in Statistics and Data Science, minor in Digital Humanities*

Los Angeles, CA

*Expected June 2026*

### Santa Monica College

*AS-T in Mathematics*

Santa Monica, CA

*June 2024*

## WORK EXPERIENCE

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### Research Assistant

April 2025 - present

Working with Dr. Yvonne Yang and Prof. Thomas Maierhofer on psychiatric research investigating potential indicators of schizophrenia. Responsible for data management, visualization, and model fitting.

### Volleyball Coach, Crossroads School, Westside VB

Aug 2021 - present

Coach boys' and girls' volleyball teams as assistant and head coach. Responsible for developing and implementing training programs to improve team cohesiveness and performance.

### Editorial Board, UCLA Radio

Dec 2024 - present

Write articles and collaborate on editorials for uclaradio.com. Photograph concerts, live events, and news coverage. Host a radio show on uclaradio.com.

## PROJECTS

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### Rent Resilience Index, 15th ASA DataFest Finalist

[Link to Presentation](#)

Analyzed 150K+ U.S. commercial real estate leases and federal unemployment data from metro-areas in a team of 5. Developed a rent resilience index to quantify market resilience to economic stressors like vacancy and unemployment. Presented findings to professional data scientists and industry leaders; selected as one of 15 finalists out of 80+ teams.

## SKILLS

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### Programming

R, RStudio, Positron, Python, VSCode, LaTeX, C++, Java, Xcode

### Data

Cleaning, Re-formatting (dplyr, NumPy, pandas), Visualizations (ggplot2, seaborn), Model Fitting, Pattern Recognition (mlr3, mgcv)

### Software

Notion, Obsidian, Tableau, comfortable in Windows and MacOS