KELLY J. CHEN

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EDUCATION

University of California, Los Angeles   September 2018-June 2022
- Bachelor of Science, Statistics, Mathematics Minor (GPA: 3.73)
- UCLA Honors College and Alumni Scholar

TECHNICAL SKILLS

Computer: R, Python, SQL, Excel, Git, C++, ReactJS, JavaScript (d3.js, Chart.js), Tableau
Statistical: Predictive analysis, regression modeling, data cleaning and visualization, hypothesis testing

PROGRAMMING EXPERIENCE

Data Analyst Intern, UCLA Center for Health Policy Research   April 2020 – Present
- Managed and cleaned over 10,000 rows of annual hospital report data; Generated key achievement metric tables to evaluate effectiveness of Health Resources and Services Administration project using R libraries.
- Collaborated with 10 students and project managers to draft and edit Excel data visuals and project analyses for Public Hospital Redesign and Incentives in Medi-Cal Interim report publication.
- Conducted statistical analysis of Medi-Cal data by constructing Difference-In-Difference, Pre-Post analyses, and 8 regression models estimating hospital improvements in UDS indicators for research publication.
- Calculated over 50 descriptive statistics, innovative variables, and hypothesis tests for longitudinal health center accreditation analysis by merging and cleaning 8 years of data.
- Organized and taught a R programming workshop covering data analysis, merging, and visualization to a combination of 10 student workers and project managers.

Data Fellow, Bluebonnet Data   June 2020 – Present
- Providing strategic data analysis and statistics on win-rates, voter turn-out, and district demographics for Cynthia Wallace's congressional campaign for North Carolina's 9th District.
- Interfaced data using BeautifulSoup in Python and VAN to identify over 2000 potential campaign donors.
- Building graphs and map visuals for use in pitches and town halls to build voter coalition and campaign fundraising by campaign manager Robert West, III and finance manager Jake Briggs.

Developer, The Stack at The Daily Bruin   September 2019 – Present
- Developed, wrote, and published articles and data visualizations, utilizing JavaScript, Python, React.JS, and R for readership of over 50,000 people.
- Collaborated with 1-5 teammates per project to develop articles utilizing localized Git for version control.
- ***"School's Out, Zoom's In":*** Published analysis and coded interactive lollipop graph comparing several college responses to confirmed cases of COVID-19 with d3.JS, HTML.
- ***"Understanding the 2020 Democratic Primary Candidates Through Their Tweets":*** Scraped and analyzed presidential candidates' tweets with Python NLTK and IBM Sentiment libraries.
- **Enterprise Winter Athletic Financial Package**: Developed interactive bar graphs depicting financial spending and revenue of UCLA Athletics, layering to support Sports and News section authors with chart.JS.

EXTRACURRICULAR LEADERSHIP EXPERIENCE

Senior Consultant, Consult Your Community at UCLA   January 2019 – September 2019
- Created marketing and expansion strategy plan for start-up Escality LLC's new AR game release consisting of social media and beta testing campaigns with 5 teammates based on two funding scenarios; presented actionable recommendations to Escality CEO and CTO.

Finance Director, UCLA Alumni Scholars Club (ASC)   May 2019 – Present
- Effectively coordinated submission of 15 funding grant applications and requisitions by delegating tasks among 3 committee members and communicating with 11 other committee directors and coordinators.
- Secured $7425 for 14 ASC programs servicing over 500 scholars and 2000 campus-wide attendees.

Workshop Chair, UCLA Statistics Club   June 2019 – Present
- Facilitated 3 workshops for UCLA Data Fest hackathon covering Python, R, data visualization, and webscraping for over 50 students; Moderated a panel of data science interns, recruiters, industry employees and provided networking opportunities for 50+ students.