

EDIE ESPEJO

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Berkeley, CA

CONTACT



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EDUCATION

University of California, Berkeley
M.A. in Biostatistics
Expected June 2020

University of California, Davis
B.S. in Statistics, June 2017

LANGUAGES

Python, R, SQL

SKILLS

Webscraping, dplyr/dataframes,
API interface, data visualization,
regression, machine learning,
Bayesian statistics

FUN FACT

I'm a black belt

HONORS AND AWARDS

Outstanding Student in Statistics

June 2017

Granted by the College of Letters and Science to one graduating senior

Scholarship and Community Service Award

June 2016, June 2017

Granted 4 times by the Davis Statistics Department as Statistics Club president, as the cofounder of a data science convention, and for academic excellence

EXPERIENCE

Head Graduate Student Instructor

UC Berkeley School of Public Health

August 2018 - Present

- > Project: Teach statistics to public health (under)graduate students
- > Prepare and give lectures twice a week via slideshows, chalk talks, and R coding demonstrations
- > Assist with homework and reinforce students' conceptual understanding in office hours twice a week
- > Plan delivery of subject matter with fellow instructors to provide coherent matter coherent to class

Research Specialist

The Moore Lab

October 2017-August 2018

- > Project: Conduct NSF-funded computational research on Bayesian posterior estimation and partitioned phylogenetic models
- > Wrote pipelines in R and debugged/repurposed existing ones for efficiency to be run in parallel
- > Collaborated with Principal Investigator and PhD students to discuss biological implications of coding results
- > Assisted biology PhD students to write code for dissertations

Operations Executive

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October 2016-June 2017

- > Project: Planned annual data science convention endorsed by the American Statistical Association for over 400 attendees
- > Hosted guest speakers from industry and academia to discuss developments within the statistical sciences
- > Offered programming workshops and organized data science competitions