

# Daniel Lampert

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## EDUCATION

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### University of California, Berkeley

*Master of Information and Data Science*

*Bachelor's of Arts in Public Health*

**Berkeley, CA**

*Class of 2021*

*Awarded with Distinction May 2020*

### National Autonomous University of Mexico (UNAM)

### National Institute of Public Health (INSP)

*Technical summer program in epidemiology & biostatistics*

**Mexico City, Mexico: Fall 2018**

**Mexico City, Mexico: Summer 2019**

**Notable Coursework:** Applied Machine Learning, Data Engineering, Statistics for Data Science, Principles and Techniques of Data Science, Linear Algebra for Data Science, Longitudinal Data Analysis, Principles of Epidemiology

## EXPERIENCE

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### The Center for the Health Assessment of Mothers and Children of Salinas

**Berkeley, CA**

*Graduate Student Researcher | Covid19 in Farmworkers*

*Aug 2020- Present*

- Conduct literature review & implemented incentivized sampling strategy to enlist farmworkers in Covid testing
- Collaborate with multi-disciplinary team to write NIH funded research grant to fund Covid Study
- Execute statistical & machine learning models to analyze the effectiveness of Covid mitigation strategies

### The National Institute for Public Health

**Mexico City, Mexico**

*Research Analyst and Principal Author | Digit Ratio and Persistent Organic Pollutants*

*June 2019 – Jan 2020*

- Analyzed longitudinal data on pesticide exposure markers from 143 children in an agricultural community
- Created multilevel longitudinal model in R to analyze the exposure effects on the development of the digit ratio
- Research findings on the digit ratio used to quickly assess exposure levels in children

*Research Analyst | Groundwater Pollution in Guanajuato*

*Jun 2019 – August 2019*

- Collaborated with medical professionals to design a study to see the health impacts of arsenic & fluoride
- Conducted an intervention where safety guidelines & rainwater collectors were provided to community

### Suitcase Clinic | Nonprofit: Social and medical services to low income and homeless

**Berkeley, CA**

*Food Security Coordinator*

*Aug 2019 – May 2020*

- Led a team to negotiate food donations from businesses & farmers market to serve 30 women weekly
- Prepared & provided meals to homeless individuals on a weekly basis and analyzed feedback to improve service
- Supplied homeless with information about other hot meal services in the area & facilitated cooking classes

*Undergraduate Student Instructor*

*Jan 2019 – May 2019*

- Trained 10 student volunteers about poverty & homelessness & how to positively impact marginalized people
- Established process for program assessment to determine effectiveness & contributions of volunteers

*Case Worker*

*Jan 2018 – May 2018*

- Provided services including food, haircuts, & housing consultations to fifty homeless people
- Received in depth training in effective volunteering with homeless individuals & the use of impact measurement

### Center for Environmental Research & Children's Health | Berkeley School of Public Health

**Berkeley, CA**

*Research & Strategy Intern*

*May 2017 – June 2018*

- Synthesized organization's articles into safety pieces to improve pesticide safety in agricultural communities
- Planned, illustrated, and edited organization's social media to increase knowledge of organization's research
- Translated journal articles from English to Spanish to increase comprehension in Spanish speaking communities

## SKILLS

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**Technical Skills:** Python, R, SQL, Shell Programming, Matplotlib, GGLOT, Scikit Learn, Tensor Flow, Object Oriented Programming, Stata

**Communication Skills:** Spanish(fluent), English(Native), Adobe Creative Cloud, Final Cut Pro