

# Austin V. Zane

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**Email:** austin.zane@berkeley.edu

## EDUCATION

### University of California, Berkeley

Ph.D. in Statistics

**Advisors:** Peter Bartlett, Bin Yu

Berkeley, CA

August 2021– Present

### Texas A&M University

B.S. in Statistics & Mathematics, C.S. minor

College Station, TX

August 2017 – May 2021

## PAPERS

Sun, S., Zane, A., Fulton, C., and Philipoom, J., “Statistical and Bioinformatic Analysis of Hemimethylation Patterns in Non- Small Cell Lung Cancer” *BMC Cancer*, 2021.

## EXPERIENCE

### University of California, Berkeley

*Graduate Student Researcher*

**Supervisors:** Peter Bartlett, Bin Yu

**Project:** Recent work focused on domain adaptation in the context of benign overfitting. Other projects involve investigating the implicit regularization of SGD in homogeneous neural networks.

Berkeley, CA

Spring 2023

### Harvard University

*Undergraduate Student Researcher*

**Supervisors:** Briana Stephenson

**Project:** Analyzed population data from CDC’s NHANES to highlight cardiovascular disease risk factor disparities associated with race and socioeconomic variables.

Cambridge, MA

Summer 2020

### Texas A&M University

*Undergraduate Student Researcher*

**Supervisors:** Huiyan Sang

**Project:** Built and deployed a COVID-19 mobility dashboard using Shiny, R, and 300GB of cell phone location data from Safegraph Inc. Focused on spatiotemporal analysis and its association with sociodemographic variables.

College Station, TX

2020

### Texas State University

*Undergraduate Student Researcher*

**Supervisors:** Shuying Sun

**Project:** Analyzed large genetic datasets using nonparametric tests to investigate epigenetic patterns in lung cancer patients.

San Marcos, TX

Summer 2019

AWARDS	Various scholarships for academic excellence	2020-2021
	Madhava Prize in Analysis (top student in honors analysis at TAMU)	2019
	National Hispanic Scholarship Award	2017-2021
TEACHING	<b>University of California, Berkeley:</b>	
	STAT 154: Modern Statistical Learning	Spring 2022