

# Ken Vu

GRADUATE STUDENT IN STATISTICS

California State University - East Bay, Hayward, CA

✉ ken.vu.777@gmail.com | 📷 Ken-Vu | 🌐 kenvu1

## Education

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### California State University - East Bay

MS STATISTICS

- GPA: 4.0

Hayward, CA

Jan 2021 — May 2023

### San Jose State University

BS APPLIED MATHEMATICS, MINOR IN COMPUTER SCIENCE

- GPA: 3.7
- President's Scholar (Fall 2018)
- Dean's List (Fall 2018)

San Jose, CA

Aug 2018 — May 2020

## Professional Experience

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### City of San Jose

CIP GRADUATE STUDENT INTERN

- Support the sampling activity during the startup and testing of the new Temperature Phased Anaerobic Digesters (TPADs) at the San Jose-Santa Clara Regional Wastewater Facility (RWF)

San Jose, CA

Dec 2022 — Present

### California State University - East Bay

TEACHING ASSOCIATE

- Taught two undergraduate-level co-requisite labs for introductory statistics courses for classes of 24 students each

Hayward, CA

Aug 2022 — Dec 2022

### California State University - East Bay

RESEARCH ASSISTANT

- Co-designed a process in Python to load in, process, and visualize signal data under the supervision of Dr. Derek J. Kimball of the Department of Physics
- Simulated data at different frequencies using the Normal distribution to determine the threshold needed to detect signal data

Hayward, CA

May 2022 — Jul 2022

### San Jose Conservation Corps + Charter School

PERFORMANCE MONITORING & EVALUATION FELLOW

- Determined the outputs, outcomes, and indicators for their respective environmental projects (i.e. community composting, food rescue for underserved communities, e-waste collection, etc) as well as the tools and procedures for measuring them
- Applied natural language processing (NLP) techniques in R (such as sentiment analysis, topic modeling, etc) to analyze survey data regarding student feedback on environmental justice trainings
- Contributed to the enhancement of policymaking decisions impacting the effectiveness of environmental conservation projects

San Jose, CA

Jun 2021 — Aug 2021

### San Jose-Evergreen Community College District

RESEARCH ASSISTANT

- Designed, administered, and distributed more than 3000 online surveys campus-wide and district-wide via Qualtrics to help assess the college community's needs and inform policymaking decisions
- Created and disseminated documentation (i.e. literature reviews, presentation slides, etc) and research summaries that highlight relevant metrics measuring the impact of higher education initiatives on different student demographics

San Jose, CA

Feb 2019 — Aug 2019