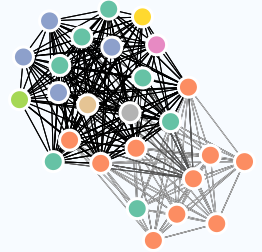# NATHAN KIM

I'm a junior at Yale College double majoring in Ethnicity, Race, & Migration and Statistics & Data Science. I am broadly interested in a critical study of space and race, especially in how actions along these dimensions can destroy or advance global imperialism.

I have related interests in data visualization and interactive presentations. My strengths are in the R tidyverse, and I am also familiar with the data.table, Shiny, sf, and spatstat packages. I also have experience working in Python, Stata, Tableau, and Excel.

🎓 EDUCATION

Yale University

May 2022 | Sep 2019

Majors: Statistics & Data Science; Ethnicity, Race, & Migration

🎖 AWARDS

Asian American Cultural Center First-Year Award

May 2019

Yale University

Panel Survey for Income Dynamics Small Grant

May 2019

University of Michigan

Dwight Hall Urban Fellowship

Jan 2019

Yale University

💼 WORK EXPERIENCE

Yale Institution for Social and Policy Studies

Present | Sept 2018

Research Assistant

- Modeled relationships between social mobility and health with Professor Emma Zang with data from Opportunity Insights and the Center for Disease Control and Prevention.
- Investigating blockgroup-level analyses of COVID-19 prevalence rates and social distancing patterns.
- Previously scraped and cleaned data from various NYPD documents for PhD student Tony Cheng.

Yale Asian American Cultural Center

Present | Sept 2020

Center Staffer (Historical, Artistic, and Cultural Resources Pod)

- Organizing teach-ins, film screenings, and workshops on Asian diasporic history.
- Managing the Okihiro Library collection of books on Asian American Studies.

DataHaven

Present | Jun 2020

Research Intern

- Currently writing reports and performing data analysis for DataHaven, a community action-oriented nonprofit creating reports and data analyses for the Greater New Haven community.

View this CV online at
https://nathankim.name/files/cv.html

CONTACT

✉ nathan.kim@yale.edu
 github.com/18kimn
🔗 nathankim.name
in linkedin.com/in/nathanckim

LANGUAGE SKILLS

R

Python

SQL

ArcGIS Pro

Dec 2020
|
Jan 2020

Yale School of Medicine

Research Assistant

- Studying the impact of Hurricane Maria-related road damage on methadone access in Puerto Rico using ESRI drive time analyses, OpenStreetMap road network data, and FEMA datasets on road damage.

Aug 2019
|
May 2019

Population Studies Center at the University of Pennsylvania

Research Intern

- Worked with Professor Irma Elo, Chair of Penn Sociology, on a project on county-level predictors of mortality in the US.
- Assembled a database and created a Shiny visualization app of socioeconomic, demographic, and behavioral health indicators; worked on a clustering project with the dbscan, VarSelLCM, and spedep packages in R.
- Cleaned data for various projects from sources including the NHIS, the ACS, the EPA EJSCREEN, and HRSA.

🎓 PUBLICATIONS

Sep 2020

U.S. Regional Disparities in Physical Distancing: Evaluating Racial and Socioeconomic Divides During the COVID-19 Pandemic[1]

Emma Zang, Jessica West, Nathan Kim, Christina Pao

Jul 2020

Upward Mobility Context and Racial Differences in Early Adulthood Mortality *(forthcoming)*

Emma Zang, Nathan Kim

👥 ON-CAMPUS ACTIVITIES

Present
|
Jan 2019

Asian Students for Ethnic Studies

Secretary

- Hosting workshops on Asian American and Asian diasporic history. Creating infographics for Asian American Studies on curricula at Yale, the U.S. Yellow Power movement, and cultural imperialism enacted in food like SPAM.
- Advocating for the inclusion of Asian American Studies and other ethnic studies into the Yale curriculum.

May 2020
|
Sep 2018

Matriculate

Advising Fellow

- Advised first-generation, low-income high school students in the college admissions process over video chat around two hours a week.

Leadership, Education, and Athletics in Partnership (LEAP)

Dec 2019 | Sept 2018

Development Intern

- Analyzed recent donor data in LEAP's Development Office, with the aim of improving LEAP's fundraising practices.
- Wrote letters to be used in fundraising campaigns, invited Guests of Honor for the annual LEAP Year Event fundraiser.

Asian American Students Alliance

Dec 2019 | Jan 2019

Programming Chair

- Spearheaded a task force on data disaggregation activism to build a RShiny data visualization app with nationally recognized group AAPI Data and host several political education workshops on the 2020 Census citizenship question and political representation
- . Invited and hosted playwright-activist Dimo Kim, cartoonist Dami Lee, and political activist Rita Pin Ahrens to discuss various forms of community organizing.

Korean American Students Alliance

Dec 2019 | Sept 2019

Social Chair

- Created "families" for club members, matching first-years and underclassmen with upperclassmen mentors to bond through KASY events. Planned and hosted social events like study breaks, mixers, and dinners.
- Planned and hosted social events like study breaks, mixers, and dinners.

UNITY Korean Drum Troupe

May 2019 | Sept 2018

Member

- Performing with traditional Korean drums like the jangu, buk, kkwaenggwari, and jing. Past performances have included the Korean Cultural Festival 2019 and the Korean American Students at Yale's Adopted Friends Event.

Urban Improvement Corps

May 2019 | Sep 2018

Tutor

- Worked four hours a week as a tutor for two New Haven students in math and science.