

# 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

May  
2022  
|  
Sep  
2019



### Yale University

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



## AWARDS

May  
2019



### Asian American Cultural Center First-Year Award

Yale University

May  
2019



### Panel Survey for Income Dynamics Small Grant

University of Michigan

Jan 2019



### Dwight Hall Urban Fellowship

Yale University



## PUBLICATIONS

Sep  
2020



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

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



## WORK EXPERIENCE



View this CV online with links at [nathankim.name/cv/](https://nathankim.name/cv/)

## CONTACT

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in

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## LANGUAGE SKILLS

R

Python

SQL

ArcGIS Pro

Made with the R packages [pagedown](#) and [datadrivencv](#).

The source code is available [here](#).

Last updated on September 5th, 2020.

Current  
|  
Sept  
2018

● **Yale Institution for Social and Policy Studies**

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.

Current  
|  
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.

Current  
|  
Jun  
2020

● **DataHaven**

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.

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.



**ON-CAMPUS ACTIVITIES**

Current  
|  
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   Sept 2018	<ul style="list-style-type: none"> <li>● <b>Matriculate</b> Advising Fellow           <ul style="list-style-type: none"> <li>• Advised first-generation, low-income high school students in the college admissions process over video chat around two hours a week.</li> </ul> </li> </ul>
Dec 2019   Sept 2018	<ul style="list-style-type: none"> <li>● <b>Leadership, Education, and Athletics in Partnership (LEAP)</b> Development Intern           <ul style="list-style-type: none"> <li>• Analyzed recent donor data in LEAP's Development Office, with the aim of improving LEAP's fundraising practices.</li> <li>• Wrote letters to be used in fundraising campaigns, invited Guests of Honor for the annual LEAP Year Event fundraiser.</li> </ul> </li> </ul>
Dec 2019   Jan 2019	<ul style="list-style-type: none"> <li>● <b>Asian American Students Alliance</b> Programming Chair           <ul style="list-style-type: none"> <li>• 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</li> <li>• . Invited and hosted playwright-activist Dima Kim, cartoonist Dami Lee, and political activist Rita Pin Ahrens to discuss various forms of community organizing.</li> </ul> </li> </ul>
Dec 2019   Sept 2019	<ul style="list-style-type: none"> <li>● <b>Korean American Students Alliance</b> Social Chair           <ul style="list-style-type: none"> <li>• 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.</li> <li>• Planned and hosted social events like study breaks, mixers, and dinners.</li> </ul> </li> </ul>
May 2019   Sept 2018	<ul style="list-style-type: none"> <li>● <b>UNITY Korean Drum Troupe</b> Member           <ul style="list-style-type: none"> <li>• 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.</li> </ul> </li> </ul>
May 2019   Sept 2018	<ul style="list-style-type: none"> <li>● <b>Urban Improvement Corps</b> Tutor           <ul style="list-style-type: none"> <li>• Worked four hours a week as a tutor for two New Haven students in math and science.</li> </ul> </li> </ul>