

# BHUMIKA SRINIVAS

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## EDUCATION

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### University of San Francisco

August 2019 – Anticipated December 2022

Bachelor of Science (B.S) in Data Science, GPA: 3.97

- *Scholarship/ Grants: University International Scholarship, Newmark Women in Tech*
- *Dean's Honor Roll*

### Relevant Coursework

Data Science with R, Object-Oriented Programming with Python and Java, Linear Algebra, Probability and Statistics, Linear Regression, Data Structures and Algorithms.

## TECHNICAL SKILLS & TOOLS

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- **Skills:** R, Python, Java, AWS Basics, SQL, Microsoft Excel
- **Tools:** RStudio, RShiny, Jupyter Notebook, LaTeX, Sublime Text, IntelliJ IDEA, Thunkable, Qualtrics, and Tableau

## PROJECT WORK

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### Text Mining: Tweets

October 2019

- Parsed the text and created structured data for semantic analysis, identification of URLs, and locating airport codes
- Utilized R packages and created data visualizations

### 1990 California Census

May 2020-June 2020

- Data analysis of houses found in a given California district and some summary stats about them based on the 1990 census data
- Implemented a survey to compare the housing in 2020 using Qualtrics, applied formatting techniques using Excel, and created visualizations for the trends using Tableau

## WORK EXPERIENCE

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### Math TA and Help Sessions Tutor

August 2021 – Present

*Mathematics and Statistics Dept, University of San Francisco*

- Providing one-on-one academic math tutoring, guiding and assisting students with homework, problem solving and test preparation.
- Weekly grading of student's homework.

### International Student Orientation Guide

March 2020 – Present

*ISSS, University of San Francisco*

Represented the International Student and Scholar Services department as a role model and student leader to welcome the new international students by getting them acquainted with USF. Served as a resource and answered questions about both social and academic aspects of college life.

### Office of International Initiative SAC Member

February 2021 – December 2021

*ISSS, University of San Francisco*

Represented the incredibly wide-ranging interests of our student body as far as international education and international student issues, helped reflect student priorities to OII, served as an ambassador for the Office of International Initiatives, and participated in OII programs and initiatives as needed.

### Peer Mentor

August 2021 – December 2021

*University of San Francisco*

Serving as the instructor's TA for a USF101 section (a class designed for first-semester undergraduates new to the University of San Francisco's Hilltop Campus), attending and participating in all class meetings. Responding to inquiries from students in their USF101 class in a timely manner and facilitating in-class discussions.

## STUDENT ORGANIZATIONS & AFFILIATIONS

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The National Society of Collegiate Scholars (NSCS), Mathematical Association of America, Pi Mu Epsilon, Data Science Association, Indian Student Organization