# Vikram Srinivasan

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*(949) 468 7764*
https://viksri.xyz

## Objective

Mathematician looking to apply programming and statistics knowledge to a research internship.

## Experience

| | |
|---|---|
| Fall 2017-Fall 2019 | **Volunteering** Technical Support<br>Helped Library Guests Connect to Internet, Print Documents, and Otherwise Use Their Computers |
| Summer 2020 | **Teaching** Introduction Coding Class in Python<br>Covered Input/Output, Lists, If/Else, and Loops |
| Summer 2021 | **Teaching** Data Analysis with Python<br>Covered Numpy, Matplotlib, Pandas Dataframes, and Simple Statistics |

## Projects

| | |
|---|---|
| Fall 2019 | Atlas - CLI game in Java |
| Summer 2021 Ongoing | sysinfo - A system information display tool in bash |
| Summer 2021 Ongoing | i3blocks - A collection of bash scripts to display using i3bar |
| Summer 2021 Ongoing | viksri.xyz - A website to organize my projects as well as host an XMPP chat server |

## Education

| | |
|---|---|
| 2020-2024 (expected) | UC San Diego, B.S. Mathematics-Scientific Computation<br>Major GPA - 3.7<br>SAT 1540 : Math 800, Reading 740<br>SAT II Math 800, SAT II Physics 800 |

## Relevant Coursework

| | |
|---|---|
| Spring 2020 | CS 10 - Introduction to Python |
| Fall 2020 | CSE 11 - Introduction to Programming (Java) |
| Winter 2021 | CSE 12 - Data Structures and Object Oriented Design (Java) |
| Spring 2021 | ECE 15 - Engineering Computation (C) |
| | MATH 102 - Applied Linear Algebra |
| Fall 2021 | MATH 180A - Introduction to Probability |
| | MATH 140A- Foundations of Real Analysis I |
| Winter 2022 | MATH 181A - Mathematical Statistics I |
| | MATH 170A - Numerical Analysis: Linear Programming (MATLAB) |
| | MATH 140B - Foundations of Real Analysis II |
| Spring 2022 | MATH 181B - Mathematical Statistics II |
| | DSC 190 - Introduction to Machine Learning |
| | MATH 140C - Foundations of Real Analysis III |

## Programming Languages

Python | R | Fortran | C | Java | MATLAB | Bash | Latex | HTML

## Spoken Languages

English - Native Speaker

Spanish - B1 Level

## Vaccination Status

Fully Vaccinated as of May 17, 2021

Booster Dose December 16, 2021

## Work Status

U.S. Citizen

## Hobbies

Tuba - UCSD Pep Band

Saxophone - Muir Musical

Tennis - San Diego Adult Tennis League