

# Vikram Srinivasan

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(949) 468 7764  
<https://viksri.xyz>

## Objective

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

## Experience

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|---------------------|--|
| Fall 2018-Fall 2020 | <b>Volunteering</b> Technical Support<br><br>Helped Library Guests Connect to Internet, Print Documents, and Otherwise Use Their Computers |
| Summer 2020         | <b>Teaching</b> Introduction Coding Class in Python<br><br>Covered Input/Output, Lists, If/Else, and Loops                                 |
| Summer 2021         | <b>Teaching</b> Data Analysis with Python<br><br>Covered Numpy, Matplotlib, Pandas Dataframes, and Simple Statistics                       |

## Projects

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|---------------------|--|
| 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

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

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|                       |   |
|-----------------------|---|
| 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 (Planned) | MATH 181B - Mathematical Statistics II                      |
|                       | COGS 118A - Supervised Machine Learning Algorithms          |
|                       | MATH 140C - Foundations of Real Analysis III                |

## Programming Languages

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|        |  |   |  |      |  |        |  |      |  |       |  |      |
|--------|--|---|--|------|--|--------|--|------|--|-------|--|------|
| Python |  | C |  | Java |  | MATLAB |  | Bash |  | Latex |  | HTML |
|--------|--|---|--|------|--|--------|--|------|--|-------|--|------|

## Spoken Languages

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|                          |                    |
|--------------------------|--------------------|
| English - Native Speaker | Spanish - B1 Level |
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## Vaccination Status

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Fully Vaccinated as of May 17, 2021

Booster Dose December 16, 2021

## Work Status

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U.S. Citizen

## Hobbies

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Tuba - UCSD Pep Band

Saxophone - Muir Musical

Tennis - San Diego Adult Tennis League