

Vikram Srinivasan

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Objective

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

Experience

Fall 2017-Fall 2019	Volunteering Technical Support Helped Library Guests Connect to Internet, Print Documents, and Otherwise Use Their Computers
Summer 2020	Teaching Introduction Coding Class in Python Covered Input/Output, Lists, If/Else, and Loops
Summer 2021	Teaching Data Analysis with Python Covered Numpy, Matplotlib, Pandas Dataframes, and Simple Statistics
Spring 2022	Computer Repair Student IT Technician Repairing computers at the Preuss School

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
	Major GPA - 3.7
	SAT 1540 : Math 800, Reading 740

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

Programming Languages

Python		C		Java		MATLAB		Bash		Latex		HTML
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Spoken Languages

English - Native Speaker	Spanish - B1 Level
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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