

# Vijay Kumar

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## Summary

Experienced Scientist with 10 years in the field, specializing in Statistical modeling, Data Science and Machine Learning. Holds a PhD in Mathematics, and MS in Data Science. Seeking to leverage expertise in a challenging Scientist role.

## Work Experience

### Columbia University

*Postdoctoral Research Scientist* | New York, NY, USA | Aug 2023 - Present

- Conducting in-depth research and analysis in the area of Machine Learning, contributing to advancements in the field.

### Mathematics, Clarkson University

*Graduate Teaching Assistant* | Potsdam, NY, USA | Aug 2018 - Jul 2023

- Assisting professors as well teaching undergraduate mathematics and statistics courses.

### SMI University

*Lecturer AI and Mathematics* | Karachi, Pakistan | Aug 2016 - Jul 2018

- Delivering expert lectures to undergraduate and graduate students and engaged in collaborative research and data analysis across departments.

### NED University of Engineering and Technology

*Lecturer Mathematics* | Karachi, Pakistan | Jan 2014 - Jul 2016

- Designing and delivering comprehensive lectures that covered various mathematical theories and their applications.

## Education

### Clarkson University

PHD, MS, Mathematics | Potsdam, NY, USA | 2018 - 2023

### Clarkson University

MS Applied Data Science | Potsdam, NY, USA | 2022 - 2023

### NED University of Engineering and Technology

MS, Applied Mathematics | Karachi, Pakistan | 2013 - 2015

### University of Sindh

BS Mathematics | Jamshoro, Pakistan | 2009 - 2012

## Skills

Data Analysis and Interpretation, Project Management, Statistical Software Proficiency, Problem Solving, Team Collaboration, Critical thinking, Communication skills, Time management, Research design and methodology, Programming, SQL, big data, Machine Learning, R, Python, Matlab