

RAJESH SIGDEL

Graduate student with good experience in data science and data analytics. I am passionate about data analytics and visualizations to gain insights from the data to apply in the real world. Looking for an internship to apply skill sets to grow more.



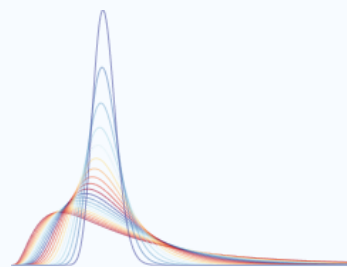
EDUCATION

- Expected: 2023 • **Ph.D. in Geography**
University of North Carolina at Greensboro Greensboro, NC
- 2019 • **MS in Geography**
Western Michigan University Kalamazoo, MI
"Geography Department Graduate Research and Creative Scholar Award for outstanding achievement within the discipline"
- 2017 • **MS in Biology**
Grand Valley State University Allendale, MI
"Graduate Dean's Citation for Academic Excellence - Excellence in Service to the Community or Profession"
- 2012 • **Bsc in Environmental Science**
Tribhuvan University Kathmandu, Nepal



WORK EXPERIENCE

- August 2015 | August 2017 • **Intern/Graduate Assistant**
Grand Valley Metropolitan Council Grand Rapids, MI
 - Collected and analyzed various physical, biological, and chemical data of Indian Mill Creek Watershed, an important tributary to Grand River of Michigan
 - Helped create and organize "Friends of Indian Mill Creek Group" that included local governments, local citizens, businesses, and other institutions
 - Presented/shared findings of my data analysis to "Friends of Indian Mill Creek Group" periodically
 - My research provided a foundation for the restoration of the creek
 - The full report of the study can be accessed at: <https://rb.gy/jfdu0t>
- 2017-2019 • **Research/Teaching Assistant**
Western Michigan University (WMU) Kalamazoo, MI
 - Analyzed economic and health data from the World Bank
 - Created visualizations and analyzed most of the data for the book "Africa's Geography: Dynamics of Place, Cultures, and Economies" authored by Dr. Benjamin Ofori-Amoah
 - Used statistical techniques to address research questions
 - Teaching Assistant for several courses including Environmental Science
 - Regularly hold office hours for students to help them understand course materials



Sample of data analysis and visualizations work:

<https://rpubs.com/rajesh1>

CONTACT

✉ Email:
r_sigdel@uncg.edu

🐙 Github:
<https://github.com/rajeshsigdel>

📞 Phone:
419-420-5555

🏠 Address:
Greensboro, NC (willing to relocate)

SKILLS

🗄 SQL (MTA certified)

📊 Microsoft Power BI

📊 R

🐍 Python


📊 Microsoft Excel

🌐 ArcGIS: spatial data visualization

This resume was made with the R software package **pagedown**

Last updated on 2020-07-23.


2019-
current

- **Research/Teaching Assistant**
University of North Carolina at Greensboro  Greensboro, NC
 - Collected data from field work, analyzed, created visualizations, and performed statistics using R and excel for a research that is under review for publication in a scientific journal
 - Taught 103 Earth Science labs to undergraduate students that covers several topics including regression analysis


I regularly blog about data analytics and data science:
https://medium.com/@r_sigdel

PRESENTATION SKILLS

Spring
2019


- **3 Minute Thesis Competition - 2nd Place Winner**
Western Michigan University  Kalamazoo, NC
 - Presented objectives of research, methods of data analysis, results, and conclusion within 3 minutes
 - Presentation available at WMU Graduate School YouTube channel:
<https://youtu.be/eomfFC7JtsQ>

October
18, 2018


- **East Lake of American Association of Geographers - 1st Place Winner (MS category)**
Ohio Northern University  Ada, Ohio
 - Presented objectives of research, methods of data analysis, results, and conclusion within 20 minutes in East Lake of AAG Interstate Competition

LEADERSHIP SKILLS

Jan 2020
to current

- **Lead Teaching Assistant (TA) for the course: 103 Earth Science Labs**
University of North Carolina at Greensboro  Greensboro, NC
 - Supervised 4 other lab Teaching Assistants for the course
 - Conduct regular meetings to share teaching ideas among lab TAs

2011-
2012

- **Near East and South Asia Scholarship program**
Grand Valley State University  Allendale, MI
 - Received full scholarships from Fulbright Commission as an outstanding student from Nepal to attend an American University as an exchange student.

I believe in collective work and taking individual responsibility