

Kapil Khanal

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5074910407

A student of Mathematics, Statistics and Programming. Elegant code and Mathematical Proofs interest me.

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kapilkhanal.github.io

EDUCATION

BS in Data Science and Mathematics Winona State University

09/2016 – Present

Winona, MN, GPA: 3.9

Courses

- Supervised Machine Learning (R, Python)
- Database Management (SQL)
- Functional Programming (Python)
- Mathematics
- Unstructured Data [MUSIC, IMAGE, WEB]
- Regression analysis
- Data Visualization (TABLEAU)
- Object oriented design (Java)
- Statistics
- Data Mining

WORK EXPERIENCE

PEER TUTOR

Winona State Tutoring Office

02/2017 – Present

Winona, MN

Winona State University

Achievements/Tasks

- Help and Guide students with Data Science/Mathematics/Computer Science/Statistics courses
- Make a respectful and enjoyable learning environment
- Keep Excellent Customer Service Motto of the Office

Contact: Jill Quandt – jquandt@winona.edu

Technology Help Assistant-DLC STAR Digital Learning Commons, Tech Support

11/2017 – Present

Winona, MN

Winona State University

Achievements/Tasks

- Solve customer's problems of operating system and software packages
- On-site training and orientation of new technology for campus members.

Contact: Charmaine Gorak – cgorak@winona.edu

SKILLS

Data Analysis

Programming

Data Visualization

Statistical Analysis

Machine learning

Python

OpenCV

PROJECTS

Undergraduate Research (09/2017 – Present)

- Astrophysical data munging for Fine Structure and Radio metallicity diagnostics.
- Bayesian Analysis of Telescope data and images.
- Contact: Prof. Carl Ferkinhoff (cferkinhoff@winona.edu)

Community Contribution (Winona Area Public Schools) (11/2017 – 12/2017)

- Data Extraction from scanned pdf's and a detail visualization of budget and expenditure data to help them prioritize the budget spending for schools
- Contact: Allison Quam (aquam@winona.edu)

TableToolz (01/2018 – Present)

- Working with Professor to develop a Python package for lazy evaluation of large tables
- Learning software development principles
- Contact: Prof. Todd Iverson (tiverson@winona.edu)

ACHIEVEMENTS

Best Overall Analysis, Police Data Challenge (12/2017)

A Nationwide (USA and CANADA) competition organized by American Statistical Association. My Wonderful team was selected from 70+ Teams.

2nd Place for Predictive Accuracy, Midwest Data Analytics Competition (03/2017)

Predictive modeling competitions for undergraduates of Universities in Midwest, USA

MinneAnalytics Scholarship, MinneAnalytics and WSU (07/2017)

MinneAnalytics is Twin Cities Big Data, Data Science and Analytics Community. "MinneAnalytics Scholarships are awarded to students who display a passion for pursuing a career in analytics and a commitment."

Finalists, Warrior Innovation Challenge (02/2017)

A Entrepreneurial Bootcamp organized by Winona State University.

PROGRAMMING LANGUAGES

Python/R



SQL



Java

