Kapil Khanal

I'm a self-motivated student with keen interest on data wrangling, modeling and Machine learning systems.

kkhanal16@winona.edu ✉

5074910407 ☐

314 West 4th Street,55987,Winona,MN ◉

linkedin.com/in/kapil-khanal 🔗

github.com/KapilKhanal 🔗

EDUCATION

BS in Data Science and Mathematics
Winona State University

09/2016 – 08 / 2019   *Winona, MN, GPA:3.9*

Courses

- Supervised Machine Learning(R,Python)
- Data Visualization(TABLEAU/ggplot2)
- Object oriented design(Java)
- Statistics
- Data Science at Scale(Scala/Spark/SQL)
- Regression analysis
- Artificial Intelligence
- Mathematics
- Unstructured Data[MUSIC,IMAGE,WEB]

WORK EXPERIENCE

Research Intern
Carnegie Mellon University

06/2019 – 08/2019   *Pittsburgh , Pennsylvania*

Statistics Department. Data Science Consulting

Achievements/Tasks

- Form the research question, collect the data
- Research Analysis using R Packages
- Generalized Linear Models and Tree Based Modeling of data

Contact: Rebecca Nugent – rnugent@stat.cmu.edu

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

11/2017 – 08 / 2019   *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

`Mathematical Modeling` `Data Visualization`

`Statistical Analysis` `Machine learning`

`Data Engineering`

PROJECTS

Undergraduate Research (09/2017 – 08 / 2019) 🔗

- 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 – 08 / 2019) 🔗

- 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

Language				
Python/R	●	●	●	● ○
SQL/Spark	●	●	●	● ○
Java/Scala	●	●	●	● ○