PRASHANT KARKI

Computer Information Technology (CIT)

ABOUT ME

I am looking for a career in Data Science/ Machine Learning, and hope to have a challenging opportunity that utilizes the strong skill-sets that I have developed over the years throughout my academic journey, here at MNSU. Basic understanding of Data Warehousing and Cloud Computing.

CONTACTS

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TECHNICAL SKILLS

- Python, R, SAS, MATLAB
- SQL, MongoDB, Apache Spark
- Tableau, Adobe Analytics, Power BI
- Data Analysis and Visualization
- Machine Learning
- Statistics and Modeling.
- Diagnosing/Troubleshooting
- Web Development.
- Software Development.

SOFT SKILLS

- Problem Solving.
- Critical Thinking.
- Creative Thinking.
- Interpersonal Skills.

EDUCATION

UNDERGRADUATE
2016 - 2020(May)

MINNESOTA STATE UNIVERSITY, MANKATO
Computer Information Technology
Statistics (Minor)

WORK EXPERIENCE

WEB DEVELOPER
2018 - Present

IT SOLUTIONS, MNSU
Created multiple websites for MNSU departments and assisted campus units with content editing and website publishing.

MOBILE EXPERT
(WIRELESS SALES ASSOCIATE)
2018 - 2019

TARGET TECH, MARKETSOURCE - (1 year +)
Activation of latest cellular devices for Verizon, AT&T, Sprint and more. Technical support for smartphones, computers and other electronic devices issues.

CNC Machine Operator (And Designer)
2019 - 2019

OC Souvenir– (4 months)
Operated CNC laser engraving and cutting machine. Set up machine parameter and proper fixture based on material type. Laser cut files using CAD, CorelDRAW, Illustrator, etc.

PROJECTS

Statistical Calculator w/ Python and Tkinter
- Can calculate simple statistical calculation such as Mean, Median, Mode, Standard Deviation and Variance without any libraries used (Numpy, Math).
- Calculation such as Z-score, P-Values (with Z-score, Chi-Square, t-stat), Distributions and more (Including IEEE floating point converter).

MUDAC '19 '20(MIDWEST UNDERGRADUATE DATA ANALYTICS COMPITETION)
- Represented team "Miracle" on MUDAC 2019 and 2020 at MNSU.
- Implemented skills like, Data cleaning, Data analysis and Data visualizations and came up with watershed problem solution.
- Tools like Tableau, Python, SAS, R, and more, were used.

Predicting Obesity (Classification) w/ SAS
- Performed Categorical Data Analysis on NHANES Dataset to predict the Obesity.
- Purposeful selection of variables in logistic regression. (Stepwise)
- Data Cleaning and Data Analysis tools: MATLAB, SAS

Big Hits (Movie Rental Website) /w MVC 5 & SQL Server
- "Big hits" is a website from where users can login and rent the available movies. Website consist multiple databases for costumer, movies, etc. (INDIVIDUAL PROJECT)
- Complete e-commerce website.

Resume - Job Description Matcher System w/ Python (NLP)

ACHIEVEMENTS

- **Served as Webmaster and Board member of ISA (International Student Association), MNSU.**
- **The Data Science Course 2019: Complete Data Science Bootcamp. (Certified Course)**
- **Machine Learning A-Z™: Hands-On Python & R in Data Science. (Certified Course)**
- **Visualization of Sorting Algorithms w/ Unity and C# (Group Project)**
- **Most Creative Performance, World's Got Talent – 3 (MNSU)**