

# PRASHANT KARKI

## Computer Information Technology (CIT)

### ABOUT ME

I am looking for a career in Data Science/ IT field, 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, Big Data, Cloud Computing and Neural Networks.

### EDUCATION

✓ **UNDERGRADUATE**  
2016 - 2020(Dec)

**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.

### CONTACTS

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🌐 [linkedin.com/in/prashantkarki/](https://www.linkedin.com/in/prashantkarki/)

🐙 [github.com/peak27](https://github.com/peak27)

### TECHNICAL SKILLS

- ✓ Python, R, SAS, MATLAB
- ✓ Data Analysis and Visualization
- ✓ Programming
- ✓ Machine/Deep Learning
- ✓ Statistics and Modeling.
- ✓ Diagnosing/Troubleshooting

### PROJECTS

✓ **CNN - Image Classifier (Tensorflow, Keras & OpenCV)**

- Convolutional Neural Networks that follows steps like Convolution, Max Pooling, Flattening and Full Connection to detect real life pets like dog and cat.
- OpenCV for real time object detection.

✓ **Comparing Classifiers for Better Accuracy on (BoW) model**

- Comparison between numbers of classifiers such as logistic regression, bernoulli NB and ANN with Python on Bag of Words Model.
- NLP and EDA were performed to extract more insights.

✓ **Resume Filtration System**

- Compares the word count of resume (.pdf) with the wordcount of job description (Indeed) which was retrieved by Web Scrapping method using beautiful soup.

✓ **Big Hits (Movie Rental Website) /w MVC 5 & CRUD**

- "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)

### SOFT SKILLS

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

### ACHIEVEMENTS

- ✓ Participated in MUDAC (Midwest Undergraduate Analytics Competition) '19, '20.
- ✓ 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)