RIKUL JOSHI

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Highly driven professional with a master's degree in computer science as well as practical experience in the field of machine learning; well prepared to excel as Machine Learning Engineer.

EDUCATION

Cleveland State University, Cleveland, Ohio **[Jan 2020 – Present]**
Master of Computer Science (GPA: 3.75/4.0)

Parul Institute of Engineering & Technology, Gujarat, India **[2014 – 2018]**
Bachelor in Computer Engineering (GPA: 3.3/4.0)

SKILLS

Languages:	Python, JAVA, C , SQL, MySQL, HTML
Tools & Tech skills:	Jupyter Notebook, PyCharm, Visual studio, IntilJ Idea, MySQL, MS SQL, Docker, Azure Data studio, Git, GitHub, Image Processing
Frameworks & Web Tech:	Flask, Django, AWS, GCP, Spring Boot
Soft Skills:	Problem Solving, Creativity, Adaptability, Collaboration

EXPERIENCE

Cleveland State University, Cleveland, Ohio, 44114

Graduate Assistant [Artificial Intelligence] [Jan 2022 – Present]

- Prepare supplemental material, quizzes, projects (core machine learning concepts) and exam. Troubleshoot with students on their project and help them. Hold office hours, to assist students with their weekly class work. Moreover, also help professor on his research area.

Student Assistant [Jan 2021 – May 2021]

- Support and guide all new and upcoming students to university and actively contribute to the community. Moreover, preparing reports, typing and presentations and correspondence.

Sync Web Solutions [Aug 2018 – Jul 2019]

Machine Learning Intern

- Design and implement machine learning algorithms and ML feature to optimize model development, production scoring and also apply machine learning and data science techniques to design distributed system. Use ML techniques like k-Nearest Neighbour (KNN), CNN (Convolutional Neural Network), etc.

NkDroid Solution [Dec 2017 – Feb 2018]

Android application developer Intern

- Developed native Android application and frameworks using Java. Deals with Android system frameworks to solve the problems.

PROJECTS

K-means Clustering / Object Detection / Unsupervised learning (python)

- Get the corners of the object in an image by using image processing and then implemented K-mean clustering to separate each object in an image by clustering.

Image Processing (Image Transformation and Enhancement) (python)

- Performing different type of image processing techniques for image transformation and enhancement to get the detailed classification of image.

Multi-Threaded Web Sever

- The server reads a request from the client and serves the contents from the current directory. By default, the server is handling multiple requests.

TimeLog using FLASK (python)

- This project is about to calculate Total time from TIMELOG(.txt) file. Created static pages which takes only .txt file and check total spend time without using re (regular expression)

Identify Handwritten Digits using Support Vector Machine (SVM) Classifier:

- Used Sklearn on the different parameters to get the best accuracy from the SVM classifier.