Meetkumar Patel

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EDUCATION

The University of Texas at Arlington, Arlington, TX
Master of Science in Computer Science   *August 2019- Present*
Courses: Machine Learning, Data Mining, Design and Analysis of Algorithms, Web Data Management, Data Analysis and Modeling Techniques
GPA: 4.0

Vishwakarma Government Engineering College, Ahmedabad, India
Bachelor of Engineering in Computer Engineering   August *2015- July 2019*
Courses: Artificial Intelligence, Big Data Analytics, Data Mining and Business Intelligence, Analysis and Design of Algorithms, Data Structures, JAVA

TECHNICAL SKILLS

- Programming Languages: Python, JAVA, C/C++, SQL
- Web Technologies: HTML5, CSS 3, PHP, JavaScript, Laravel, WordPress
- IDE: Jupyter Notebook, PyCharm, Android Studio, MySQL workbench, Visual Studio
- Libraries: SciPy, NumPy, Pandas, Matplotlib, Keras, Tensorflow, Seaborn, Plotly, Scikit-Learn

ACADEMIC PROJECTS

Action Recognition   (Python, Machine learning)
- Built a model using CNN, SVM to recognize the human actions/ gestures. In testing, I was able to achieve around 70% accuracy. Actions like jogging, running, walking, clapping were considered in the dataset.

Portfolio website   (HTML, CSS, PHP, JavaScript, Laravel)
- Deployed a fully functioned portfolio website. Any modification can be seen in the webpages and database in real time. Only admin is authorized to change the content of the web pages and so the content of the database.

Handwritten Digit Recognition   (Python, Machine learning)
- I trained a model using Neural network techniques. At the end I was able to achieve 95% accuracy. For training and testing I used MNIST dataset, which has images of handwritten digits.

CERTIFICATIONS

- Machine Learning by Stanford University
- Python for Data Science and Machine Learning Bootcamp

ACTIVITIES

- Attended and successfully managed Data science and Blockchain masterclass workshops.
- Member of core committee in bachelors' college technical festival.
- Sports co-ordinator in technical festival at Vishwakarma Government Engineering College.
- Front desk employee at Starbucks at UTA.