

RASHI KHANNA

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<https://github.com/GreatLearningAIML1/delhi-may19-batch-khannarashi>

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EDUCATIONAL QUALIFICATIONS

Course/Examination	Institution/University	Year of Passing	Performance
Post Graduate Program in Artificial Intelligence and Machine Learning	Great Lakes Institute of Management	2020	E (Excel) [1175/1235]
Bachelor of Technology (Computer Science)	Shaheed Sukhdev College of Business Studies (University of Delhi)	2017	79.3% [3650/4600]
AISSCE (Science)	Summer Fields School (New Delhi)	2013	87.4% [437/500]
AISSE	Summer Fields School (New Delhi)	2011	9 CGPA

TECHNICAL SKILLS

- **Deep Learning skills:** Word embedding, , Neural Networks, NLP, LSTM, GRU, Computer Vision, CNN
- **Machine Learning skills:** Feature Engineering, Recommender Systems, Clustering, Ensemble Techniques, Decision Trees, Classification, Regression, KNN, Hypothesis Testing, Statistics, EDA
- **Programming Languages:** Python (for Machine Learning), C, C++, SQL, .NET
- **Databases:** Oracle, MySQL
- **Software:** Jupyter, VB.NET, Ranorex, Qt, Mathematica, MS Office, Excel, Tableau
- **Web Technologies:** HTML, CSS, JavaScript

WORK EXPERIENCE

- **Data Analyst Intern at Diplodocuss Pvt. Ltd.** [July – December 2020]
 - Developed a recommender system with the team for the price modulation and evaluation of keywords for sales. Worked on Python and MS Excel.
- **Associate Software Engineer at Virtual Engineering Services Pvt. Ltd. (VEST Inc.)** [May 2018 – July 2019]
 - Developed features of MDTools Software using .NET framework. MDTools manifold design software provides power tools to automate the manifold design, checking, documentation, and modeling process.
 - Developed software for the automation of MDTools Software. The .NET code of the programs was built in Ranorex Software and was run on Jenkins Software.

INTERNSHIPS

- **Software Intern at Tata Advanced Systems Limited** [June – August 2016]
 - Developed Software for handling protocols of interface systems. The interface systems were based on NMEA protocols.
 - Wrote code in C, developed HMI on Qt.
- **Software Intern at Realtime Techsolutions Pvt. Ltd.** [December 2015 – January 2016]
 - Developed a database application for adaption by a Defense System application using Qt and MySQL.
 - Generated GUI application by using Qt widgets along with loading of a style-sheet using CSS.

IMPORTANT PROJECTS UNDERTAKEN

- **Song's Lyrics Analysis using NLP (Capstone Project)**
 - The objectives our team tried to solve using models in NLP were Language identification and translation, Sentiment analysis and Classification of artist for the grouping of songs by mood or artists and, Next word generation for assistance in song writing.
Skills and Tools: EDA, Logistic Regression, Multinomial Naïve Bayes, LSTM, CNN, SVM, TF-IDF, Word2Vec
- **Sentiment analysis (Course: Sequence Models in NLP)**
 - Built a text classification model which analyses the customer's sentiments based on their reviews in the IMDB database.
Skills and Tools: RNN, Word embedding, LSTM, Classification
- **Classify Street House View Numbers (Course: Introduction to Neural Networks & Deep Learning)**
 - Street View House Number is obtained from house numbers in Google Street View images.
 - Learnt how to implement a simple image classification pipeline based on the k-Nearest Neighbor and a deep neural network.
Skills and Tools: Neural Networks, Deep Learning, Keras, Image Recognition
- **Identifying potential customers for loans (Course: Supervised Learning)**
 - Identified potential loan customers for Thera Bank using classification techniques.
Skills and Tools: Logistic Regression, KNN, Classification

AWARDS & ACHIEVEMENTS

- **AMCAT Certificate** with overall 83.14%ile. [April 2018]
- **Certificate of Merit** – 15th National Science Olympiad for getting the 1st rank in school and 117th rank at the state level. [2013]

OTHER INTERESTS & ACTIVITIES

- Being a hardworking, sincere and social person, I like to participate in Social Services in NGOs and rehabilitation centres.
- Interests & Hobbies – Photography, Visiting Places, Dancing, Playing indoor and outdoor games.