ROHIT RAJESH KHATU.

Boston, MA | (617) 818-3265 | khatu.r@northeastern.edu | linkedin.com/in/rohit-khatu-ba5951166

EDUCATION

Northeastern University; College of Professional Studies, Boston, MA   January 2020 – Present
Candidate for Master's in Data Analytics
Related Courses: Introduction to Analytics, Probability Theory and Introductory Statistics,
Data Visualization, Intermediate Analytics and Data Mining

Saraswati College of Engineering, Mumbai University, Maharashtra   June 2014- May 2018
Bachelor of Engineering, Computer Engineering
Related Courses: Operating Systems, Big Data, Soft Computing and Data Structures.

TECHNICAL SKILLS

Programming Languages:	C, SQL, Java, Python, R, Ruby, Shell Scripting.
Web Development:	HTML, CSS, Bootstrap.
Database:	MySQL and MariaDB.
Web Server:	Apache Tomcat.
Cloud Technology and Automation:	Docker, AWS, Hadoop, Jenkins, bamboo, Jira, chef.
Tools and Technologies:	VS Code, Microsoft Office, Ubuntu Terminal, AWS (EC2, S3), Scikit-Learn, TensorFlow, Keras, NumPy, Pandas, Matplotlib, ggplot2, OpenCV, PyCharm, RStudio, Anaconda, Google Collab, NetBeans, Tableau.

ACADEMIC PROJECTS

Undergrad Projects: Saraswati College of Engineering, Mumbai, India.
Application on Hybrid Technique in Optimization of Delamination Effect in AWJ Drilling of CFRP Material:
- Application of hybrid technique in optimization of delamination effect in awj drilling of cfrp material is build using MATLAB that is going to predict error rate by calculating the actual and experimental value.

Exam Cell Automation:
- It's a dynamic webpage with secure login and access, with database in background of it to provide backend to students, management and faculty data of college to do exam cell related activities.

Grad Projects: Northeastern University, Boston, USA.
Crimes in Boston Data Analysis:
- Analyzed a million entries dataset on the crimes that happened in Boston. Learned the core concepts of visualization and analysis in R and used probability and statistics to derive insights using R.

Sentiment analysis:
- Analyzed 20 years of amazon product review, build machine learning model based on naive bayes, logistic regression, and Linear svm using python to accurately predict negative and positive sentiment.

OCR Application:
- Build an OCR application using python packages like tkinter, opencv, and pytesseract. Application has capability to crop, resize, rotate, and invert the image with accurate text extraction from image.

Telecom Customer Churn:
- Did EDA on dataset of telco customer churn dataset, build machine learning model based on logistic regression to predict what were the reasons customer left, obtained model accuracy of 92%.

Facial Recognition:
- Wrote a program to create a dataset of facial images to train and test neural network model. Built a neural network model using keras and TensorFlow in python which accurately recognizes face.

WORK EXPERIENCE:

August 2018-December 2019
Associate Consultant, Mindcraft Software PVT.LTD.
- Worked on DeveOps technology; Jenkins, docker, and chef. Shell scripting was performed as per project requirement.
- Developed software with help of ruby scripting for Fujitsu, created POC's for entire project.
- Worked on overseas project at client site in Singapore, successfully completed deployment and testing within a span of 1.5 months.