

AJEET SINGH

Machine Learning Engineer

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Dedicated and passionate learner seeking a position to leverage skills in an end to end ML production environment with a keen focus on both time-bound delivery and knowledge enhancement.

Willing to relocate: Anywhere

WORK EXPERIENCE

Machine Learning Engineer

Infosys - Pune, Maharashtra
June 2018 to Present

Projects

ATE (Automatic Text Extractor) for images:

Worked on the bill claims process of Infosys using open source ML libraries. Reduced the cost of human intervention through the solution deployed on the official app of Infosys on Play Store.

ATE for Searchable and Scanned PDFs:

Automated the process of travel claims for an internal unit of Infosys. Worked with computer vision and other open-source libraries to solve the typical case of table extraction from scanned PDFs. Deployed the solution using Docker.

Rules Recommendation:

Applied the Recommendation algorithms on one of a kind dataset. Experimented with different algorithms to find out the best fit.

Exploratory Data Analysis:

Made a tool, AutoEDA, to extract important insights from a given dataset. Information such as Correlation, frequency distribution was provided to help a person understand their data better.

Time Series Forecasting of Heart Beats:

Worked on forecasting heart beats of patient. The data was gathered using fit-bit devices.

This was a R&D use case. Applied various cleaning and stationarity techniques on the data before feeding into the algorithms.

Personal Projects

Multi-purpose Telegram Bot:

Made a Telegram bot which can do small talk while suggesting answers on Stackoverflow.com.

Working on a Portfolio project:

Made a ML solution and exposed it through an API hosted on GCP. Other details are confidential as it is still under process and if successful can be an IP of our group.

EDUCATION

B.Tech in Electronics and Communications Engineering

GLA University, Mathura - Mathura, Uttar Pradesh

August 2014 to July 2018

SKILLS / IT SKILLS

Machine Learning, Natural Language Processing, Deep Learning, Python, Amazon web Services, GCP

ONLINE PROFILE

<https://github.com/ajeetsingh02>

<https://medium.com/@ajeet.singh.ec14>

<https://www.linkedin.com/in/singhajeet23/>

CERTIFICATIONS AND LICENSES

Machine Learning by Stanford University on Coursera

February 2019 to Present

Natural Language Processing by National Research University Higher School of Economics on Coursera

April 2019 to Present

Neural Networks and Deep Learning by deeplearning.ai on Coursera

May 2019 to Present

AWS Technical Professional(online)

June 2019 to Present

Programming, Data Structures and Algorithms in Python by NPTEL

March 2017 to Present

Introduction to Recommender Systems: Non-Personalized and Content-Based by University of Minnesota on Coursera

May 2019 to Present

Nearest Neighbor Collaborative Filtering by University of Minnesota on Coursera

June 2019 to Present

Recommender Systems: Evaluation and Metrics by University of Minnesota on Coursera

August 2019 to Present

Matrix Factorization and Advanced Techniques by University of Minnesota on Coursera

September 2019 to Present

Mathematics for Machine Learning: Linear Algebra by Imperial College London on Coursera

November 2019 to Present

Mathematics for Machine Learning: Multivariate Calculus by Imperial College London on Coursera

January 2020 to Present

Intel® EdgeAI Scholarship Foundation Course Nanodegree Program

January 2020 to Present

NGO, NON-PROFIT / STUDENT ORGANIZATIONS

E-Cell GLA University, Mathura

May 2017 to June 2018

Associate Head of Event Management team

Saturangle[debate club], GLA University, Mathura

May 2017 to June 2018

President

IRC Pune

September 2019 to Present

Member of organizing team

VOYDNA

October 2019 to Present

Member of DNA unit's event organizing team.