Krithika Nagendiran

Hyderabad, TG, 500080 | 8309319220 | krithikanagi@gmail.com | linkedin.com/in/krithikanagendiran
www.github.com/nagik17

CAREER SUMMARY

A self-motivated individual looking for opportunities in Data Science field. My latest projects include implementation of Machine Learning and Deep Learning programming concepts. A dedicated performer who demonstrates innovation, communication, and teamwork to ensure quality and project completion. Experience using predictive modeling, data processing, and data mining algorithms to solve challenging business problem statements from websites like Kaggle. Involved in Python projects and passionate about deep reinforcement learning.

EDUCATION

Advanced Management Program in Business Analytics (AMPBA), **Indian School of Business**, Currently enrolled
M.Sc. Mathematics, 2018, **NIT Rourkela**, Odisha. 7.4 GPA
B.Sc. Mathematics, 2016, **NIT Rourkela**, Odisha. 7.6 GPA
Intermediate Education, 2013, **Narayana Junior College**, Hyderabad. 92.6%
High School, 2011, **Narayana IIT Olympiad**, Hyderabad. 89.3%

SKILLS AND STRENGTHS

- **Python** – Sklearn, Seaborn, Keras, Pandas, Numpy, Matplotlib, Networkx, NLTK
- **Mathematics –** Statistics, Linear Algebra, Analysis, Applied Mathematics
- **Machine Learning –** Logistic Regression, SVM, Naïve Bayes, Decision Trees, Random Forest, NLP
- **Clustering** – Hierarchical, Kmeans, DBSCAN
- **Deep Learning** - CNN, Transfer Learning, Keras, Backpropagation, OpenCV
- **Database–** SQL
- **Other** - MATLAB, Data Visualization, Data Cleaning, Preprocessing

RESPONSIBILITIES

- Involved in Data Preprocessing Techniques for making the data useful for creating Machine Learning models, Deep Learning models
- Executed end to end multiple data science projects
- Involved in designing the neural networks using Tensor flow for automated Chabot using NLP
- Blogger for sharing Data Science related information in Medium www.krithikanagi.medium.com

WORK HISTORY

Subject Matter Expert - Statistics

Integra Software Services, Full time, Feb 2021-June 2021
- Authoring solutions of statistics problems of B.Sc. level
- Provided subject matter expertise to acquisition consulting projects, ensuring excellence in technical performance
- Validate the requirements and deliverables that describe the product(s) or service(s) that the consultant will produce

Data Annotator

Quadrant Resource, Part time, Feb 2021
- Labelling of data, micro tasks on apps such as mapping/labelling

Subject Matter Expert- Mathematics
Six Red Marbles, Full time, Dec 2020
- Authored solutions of complex textbook math problems of B.Sc. level in Latex
- Assisted customers with issue resolution successfully preventing production stoppage.
- Handled Instruction heavy work tasks adhering to no or less plagiarism

Research Internship
IIT Hyderabad, May-July 2017
- Work done regarding Fuzzy Sets, developed GUI in MATLAB

PROJECTS
- Quora Similar Questions Prediction
- *Preprocessing, Data cleaning, TFIDF, Linear SVM with hyper parameter tuning*
- Stack Overflow Tag prediction
- *Predicting tags with higher F1 score, EDA, Feature Engineering, Logistic Regression*
- Cancer Diagnosis Case Study
- *NLP, Preprocessing, Univariate Analysis, Feature Importance, Hyper Parameter tuning*
- Self-Driving Car Case Study
- *Modelling of a steering wheel moving along car path recorded in the dataset as images, Deep learning*
- Car Price Prediction- Flask app
- *Logistic regression, Flask application implementation*

CERTIFICATIONS
- Applied AI Workshop on Amazon Apparel Content Based Recommendation System using Python

ONLINE COURSES
- Applied AI course (*Current*)
- Udacity – Data Structures and Algorithms in Python – (*Current*)

ACHIEVEMENTS PROJECTS

- Chief Editor of NIT Rourkela's Souvenir 2018 Edition.
- Secured 96.55 percentile in JEE Main 2013 with over 14 lakh applicants.
- Second prize in MATLAB Image Processing Challenge held in NITR.