Faizan E Mustafa

DATE OF BIRTH:
06/09/1996

CONTACT

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WORK EXPERIENCE

01/12/2019 - CURRENT
Machine Learning Developer (Werkstudent)
QUIBIQ

- Develop a system to automate the generation of RFQ documents using Machine Learning.

Stuttgart, Germany

EDUCATION AND TRAINING

10/2019 – CURRENT – Stuttgart, Germany
MSc Computational Linguistics
University of Stuttgart

- Information Retrieval and Text Mining

- Text Technology(XML, DBMS)

- Machine Learning

- Statistical Machine Translation

- Speech Recognition

PROJECTS

Projects

○ **Keras impementation of image captioning project.**
Description: Image captioning is a task that involves computer vision as well as Natural language processing. It takes an image and is able to describe whats going on in the image in English. It uses InceptionV3 to extract features from images and LSTM to generate captions for images. This implementation uses Keras with Tensorflow back end.

○ Scratch : **Implementing basic Machine Learning Algorithms.**
Description: Its an ongoing project . I am implementing basic ML algorithms from scratch . Naive Bayes , Bag of Words , KNN has been implemented.

○ **Top 11 % in Kaggle competition "Titanic Machine Learning from Disaster"**
Description: I created a model that was able to predict if a person will survive or not given a set of features. Exploratory Data Analysis , Feature engineering and Ensemble methods were used to achieve the desired results.

SKILLS

Skills

- Python
- Libraries(Numpy, Scikit learn , Pandas, Matplotlib)
- Deep learning Frameworks(PyTorch, fastai)

CERTIFICATIONS

Certifications

- Deeaplearning.ai Specialization (5 Courses)
- Data Analysis with python by IBM
- Data Visualization with Python by IBM

COURSES

Courses

- Machine Learning by Andrew Ng.
- Udacity's Intro to Machine Learning
- Stanfords's CS 231n
- Linear Algebra by Gilbert Strang