



**Faizan E  
Mustafa**

**DATE OF BIRTH:**  
06/09/1996

## CONTACT

Gender: Male



Allmandring 16A, Zimmer 13  
70569 Stuttgart, Germany



[faizanmustafa750@gmail.com](mailto:faizanmustafa750@gmail.com)



(+49) 1630148269



<https://github.com/Faizan-E-Mustafa>

LinkedIn: <https://www.linkedin.com/in/faizan-e-mustafa-320b79156/>

## 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

- **Cross-lingual gender prediction with multi-lingual embeddings and linguistic features.**

**Description:** The task was to predict gender of users using hundreds of tweets for each user. Most informative tweets were filtered using chi-square. Cross-lingual embedding MUSE and XLM-Roberta was used to create model. A model using linguistics features was also made.

- **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

- Deeplearning.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
- Stanford's CS 231n
- Linear Algebra by Gilbert Strang