



Faizan E Mustafa

DATE OF BIRTH:
06/09/1996

CONTACT

Gender: Male



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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 Natural Language Processing.

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

PROJECTS

Projects

- **Detecting Potential Misinformation Spreaders during Disaster.**

Description: Spread of misinformation could cause huge loss especially in case of disaster. Models are trained to detect Twitter users who are potential misinformation spreaders during a disaster so that their tweets could be analyzed more closely to stop the spread of misinformation as effectively as possible.

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

Description: The task was to predict the 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 a model. A model using linguistics features was also made.

- **Implementation of dependency parsers from scratch.**

Description: It is an on-going project which involves the implementation of graph-based and transition-based dependency parsers. Implementation of graph-based Eisner parser has been completed.

- **Scratch : Implementing basic Machine Learning Algorithms.**

Description: Its an ongoing project. I am implementing basic ML algorithms from scratch. Linear Regression, Naive Bayes, Bag of Words, KNN has been implemented.

VOLUNTEERING

04/10/2019 – 29/03/2020

Cross Cultural Mentoring Program

Stuttgart

Learning about different cultures and developing intercultural skills.

SKILLS

Skills

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

CERTIFICATIONS



Certifications

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