AMIT KANDERI

Graduate Engineer Trainee - AI/ML

@ kanderi.amit2@gmail.com 📞 +91-9716989966 📍 Ghaziabad, U.P 🔗 amitkan1995.github.io ⭕ github.com/amitkan1995
in linkedin.com/in/amitkanderi/

EXPERIENCE

Graduate Engineer Trainee - ML

NEC Technlogies India Pvt. Ltd.

📅 Aug 2019 – Present   📍 Noida, U.P.

- Preprocessing and feature engineering on text statements. Implementing different word embedding techniques using Fast-Text.
- Worked on intent classification, entity and relation extraction of raw customer text requirements.
- Improving results using RASA Framework.
- Documenting the weekly project learning by creating a doku-wiki for colleagues.

Intern - ML

NEC Technologies India Pvt. Ltd.

📅 Jan 2019 – Jul 2019   📍 Noida, U.P.

- Using Fast-Text for word vectors extraction and text classification.
- Using Spacy for Named Entity Recognition in raw text documents for entities extraction.
- Documenting the weekly project learning by creating a doku-wiki for colleagues

ACHIEVEMENTS

- Placed in top 10% in House Prediction Kaggle Problem
- Participated in Analytics Vidhya's HR Analytics Problem.

SKILLS

Languages – C / C++, Python, SQL

Technical Skills – NLP, Data mining and pre processing, statistical analysis, Predictive Modelling, Feature Engineering, Machine Learning.

Framework – RASA NLU, RASA X

Libraries – Pandas, Numpy, SpaCy Seaborn, FastText, NLTK

EDUCATION

Masters in Computer Applications

K.I.E.T. Group of Institutions, AKTU

📅 Aug 2016 – Jul 2019

Bachelor of Science Electronics Hons.

Maharaja Agrasen College, DU

📅 Jul 2012 – Nov 2015

MOOC & CERTIFICATES

- Machine Learning by AndrewNG - Coursera
- Tensorflow in Practice - Coursera
- Machine Learning with Python(IBM) - Coursera
- Business English B2 Level Certification - BEC Cambridge

PROJECTS

Automatic System Designing

- Developed, modified and implemented a POC for dependency directed graph optimizer which can able to optimize dependency required.

Automatic System Integration Tool

- Worked on classifier and entity extraction module to classify raw customer requirements of CRM/ERP and extract relevant entities.
- Using concepts of NLP to design a complete pipeline from embeddings to classification and entity extraction. Improved the existing accuracy by 20%.
- Key Achievement: Client accepted and appreciated my proposed solution to use custom NER for entities extraction efficiently from raw requirements text.

VISION: Face Recognition Attendance System [College]

- A smart solution to monotonous attendance process, by recognizing the face of person using python and open CV and maintaining it on excel sheet.

Sentiment Analysis - Kaggle

- Performed EDA to visualize the data and used TF-IDF for embeddings vectors then used Logistic Regression for classification.

ARYA: Voice Based Home Automation - IOT

- An efficient and cost-effective solution to control home appliances using android phone wireless and commanding with voice. Worked and developed both hardware and some of the software aspects of the project.