Team ZeRoS

Reeka Hazarika (UAE) – Free Lancer

hazarika.reeka@gmail.com

Swapnil Vishwakarma (India) - SIES Graduate School of Technology

swapnilvishwakarma7@gmail.com

Zyad Al-Azazi (Lebanon) – Lebanese American University

zyadazazi@gmail.com

Specialization: Natural Language Processing

Problem Description:

When companies recruit for any position, they usually end up receiving thousands, if not millions, of resumes. Such a huge number of resumes makes the task of going over all these resumes an extremely difficult and tedious job for HR employees. This made a lot of companies opt for systems that take the necessary information from the candidate after they fill an application with all the required fields. The solution worked greatly for employers; nevertheless, candidates have always found it very illogical to spend tens of hours sharpening their CVs and cover letters only to find out that they must spend another hour or so re-entering all the information they have on their CVs in the designated fields.

Business Understanding:

It is often observed by HR that the manual process of evaluation of Resumes in bulk which are populated with excess information often becomes tedious and hectic. Therefore, we could automate this process by reading several formats of files (CV). Then using some basic techniques of Natural Language Processing like word parsing, chunking, regex parser and/or Named Entity Recognition to easily capture information like name, email id, address, educational qualification, experience in seconds from a large number of documents.

Project life cycle along with deadline:

1. Data Understanding and Analysis and Data Cleaning and Transformation (19th of April 2021 – 26th of May 2021).
2. Performing Exploratory Data Analysis and EDA Presentation and Model Choice (27th of May – 3rd of May).
3. Model Building and Final Project Presentation (4th of May – 15th of May).

Data Intake Report:
A separate document is provided.

GitHub Repo Link:
[zyadalazazi/resume_extraction_team_zeros (github.com)](zyadalazazi/resume_extraction_team_zeros)