Artifact extraction (person's position in the company)

Task: create a system that will automatically extract person's position in the company from signature block in email.

For example, "**manager**" should be extracted as position of person in the company from the following signature block:

Carrie Robert

Manager, Enron Corporate Marketing
1400 Smith St.
EB 4703B
Houston, TX 77002
713-853-3522 Office
713-853-6790 Fax
713-416-2945 Cell
carrie.a.robert@enron.com

In can be assumed that signature block itself is correctly extracted from email body.

Requirements:

> Software Languages: Java, Python
>> 3-rd party open source libraries can be used
>
> Document languages: English
>
> Classifier
>> **Input:** text document with signature block similar to presented above.
>> **Output:** person's position in the company.
>
> It's necessary to present the description of algorithm and classifier evaluation metrics
>
> All materials (source codes, description, …) should be committed to repository at bitbucket.org.

Please estimate the time required for completion of this task and communicate it in advance.

Hints:
1. In the web there are public email datasets that can be easily downloaded and used. For example, well-known Enron emails dataset: https://www.kaggle.com/wcukierski/enron-email-dataset
2. There are open-source libraries that can help with extraction of signature blocks from email body. For example, https://github.com/mailgun/talon