

A2019 – Intelligent Resume Selector(Word)

README

Version A2019.16

16/10/2020

Table of Contents

1. Introduction.....	3
1.1 Overview	3
1.2 Use Cases	3
2. Requirements & Prerequisites.....	3
2.1 System Requirements	3
2.2 Prerequisites	3
3. Getting Started	4
3.1 Quick Start.....	4
3.2 Configuration	4
4. Support & FAQs	11
4.1 Support	11
4.2 FAQs	11
Appendix A: Record of Changes	8
Appendix B: References	9

1. Introduction

This document contains all essential information for the user to make full use of this A2019 – Intelligent Resume Selector (Word). This bot shortlists and rejects candidates by comparing it with job description.

1.1 Overview

- This bot reads the resume word files and finds match percentage with job description word file to shortlist the candidates.

1.2 Use cases

The key use cases include:

- Set the config excel file with folder path.
- Reads the resume word files using loop each file in a folder command.
- Utilizes python scripting for analyzing the resumes and finding match percentages with job description.
- Splits the resumes to shortlisted and rejected resumes in output folder based on threshold set (50%).

1.3 System Requirements

[Enterprise A2019 \(Cloud deployed\) and Community Edition device requirements.](#)

Review the machine hardware specifications, operating system versions, and browser types supported by Automation Anywhere Enterprise for creating and running bots and command packages as an Enterprise A2019 (Cloud deployed) or Community Edition user on your local machine.

1.4 Prerequisites

1. Automation anywhere enterprise A2019 installed.
2. Microsoft Excel must be installed.
3. Python 3.8.x must be installed. [Install from here](#)
4. Mandatory Python Libraries to be installed([How to Install a Package in Python](#)):
 - a. docx2txt
 - b. sklearn

2. Getting Started

2.1 Quick Start

2.1.1 Configuration and Use

The Bot will fetch Input Folder path that contains multiple resumes, Job Description file path, Log Folder path and Output Folder path from the config file. Input folder should have resume folder that contain resumes in word file format and a separate folder that contain the job description docx file. The Bot will compare multiple resumes with a job description to find the match percentage to shortlist the profiles. The bot will create shortlist and rejected folder in the output folder after execution.

This condition requires little input from the User

- Resume Folder: Complete path of resume folder. This folder should contain resume files in word format.
- Job Description Folder: Complete path of job description file in word format.
- Output Folder: Complete path of output folder.
- Log Folder: Complete path of log folder where ErrorLog.txt file is present.

INPUT VARIABLES: Input Variables to be mentioned in this Table.					
Variable Name	Type	Mandatory	Purpose	Direction	Additional Info
vResumeFolder	String	Yes	Contains the path of input folder that contains resumes from config.xlsx	Input	Provided Path D:\A2019 - Intelligent Resume Selector(Word)\Input Folder\Resume
vOutputFolder	String	Yes	Contains the path of output folder from config.xlsx	Input	Provided Path: D:\A2019 - Intelligent Resume Selector(Word)\Output Folder\Output Folder
vLogFolder	String	Yes	Contains the path of log folder from config.xlsx. ErrorLog.txt contains error message in case of error.	Input	Provided Path: D:\A2019 - Intelligent Resume Selector(Word)\Log



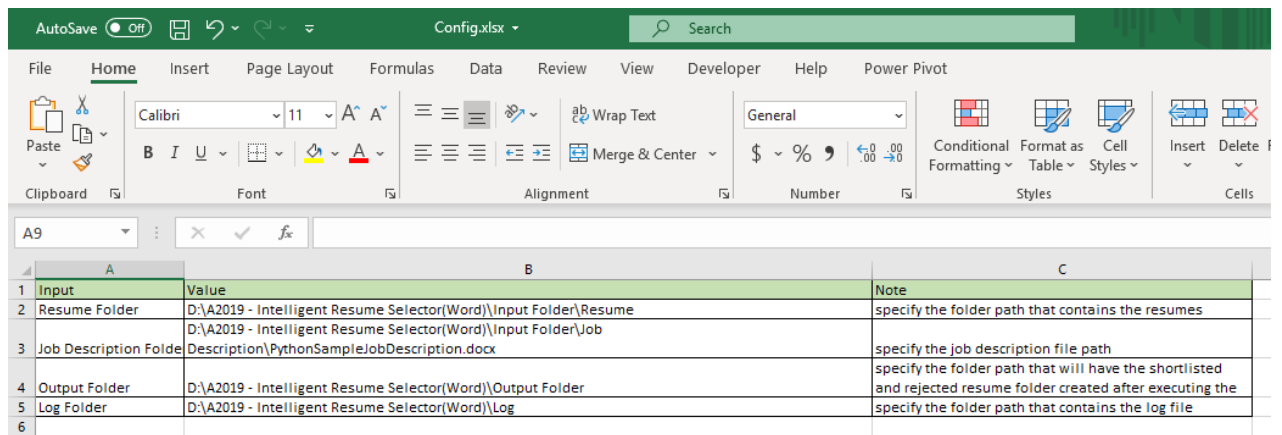
vJobDescriptionFolder	String	Yes	Contains the job description word file path provided in config.xlsx	Input	Provided Path: D:\A2019 - Intelligent Resume Selector(Word)\Input Folder\Job Description\PythonSampleJobDescription.docx
-----------------------	--------	-----	---	-------	--

OUPTUT VARIABLES: Input Variables to be mentioned in this Table.

Variable Name	Type	Mandatory	Purpose	Direction	Additional Info
vErrorMessage	String	Yes	If error occurs, the error message is set in this variable	Output	
vErrorLine	Number	Yes	If error occurs, the error line is set in this variable.	Output	







Config.xlsx:

Create an Excel sheet in this format.




Input: Resume Word files

↑ ↓ 📁 D:\A2019 - Intelligent Resume Selector(Word)\Input Folder\Resume

Name	Date modified	Type	Size
 Resume 1.docx	9/17/2020 9:32 PM	Microsoft Word D...	16 KB
 Resume 2.docx	9/17/2020 11:41 PM	Microsoft Word D...	17 KB
 Resume 3.docx	9/29/2020 10:04 AM	Microsoft Word D...	22 KB
 Resume 4.docx	9/4/2020 11:33 AM	Microsoft Word D...	189 KB
 Resume 5.docx	9/29/2020 11:12 AM	Microsoft Word D...	18 KB
 Resume 6.doc	4/9/2020 8:15 PM	Microsoft Word 9...	18 KB

Input: Job Description Word files

↑ ↓ 📁 D:\A2019 - Resume Scanner\Input Folder\Job Description

Name	Date modified	Type	Size
 pythonSampleJobDescription.docx	4/9/2020 8:15 PM	Microsoft Word D...	15 KB

Output:

📁 D:\A2019 - Intelligent Resume Selector(Word)\Output Folder

Name	Date modified	Type
📁 Rejected	10/16/2020 8:14 PM	File folder
📁 Shortlisted	10/16/2020 8:15 PM	File folder

5.Support & FAQs

5.1 Support

Free bots are not officially supported. You can get access to Community Support through the following channels:

- You can get access to Community Support, connecting with other Automation Anywhere customers and developers on [APeople](#) – the [Bot Building Forum](#), the [Bot Store Support Forum](#), or the [Developers Everywhere Group](#).
- Automation Anywhere also provides a [Product Documentation portal](#) which can be accessed for more information about our products and guidance on [Enterprise A2019](#).

5.2 FAQs

For questions relating to Enterprise A2019: See the [Enterprise A2019 FAQs](#).

For questions relating to Enterprise A2019: See the [Enterprise A2019 FAQs](#).

Appendix A: Record of Changes

No.	Version Number	Date of Change	Author	Notes
1.	1.0	16/October/2020	Shabeera Beebi	Release Version

Appendix B: References

No.	Topic	Reference Link
1	Overview of Enterprise A2019	Click here
2	Guidance: Building basic A2019 bots	Click here
3	Guidance: Building A2019 action packages	Click here
4	APeople Community Forum	Click here
5	Automation Anywhere University	Click here