

OCR Using Tesseract and Tkinter

<https://github.com/ricktorzynski/ocr-tesseract-opencv-tkinter>

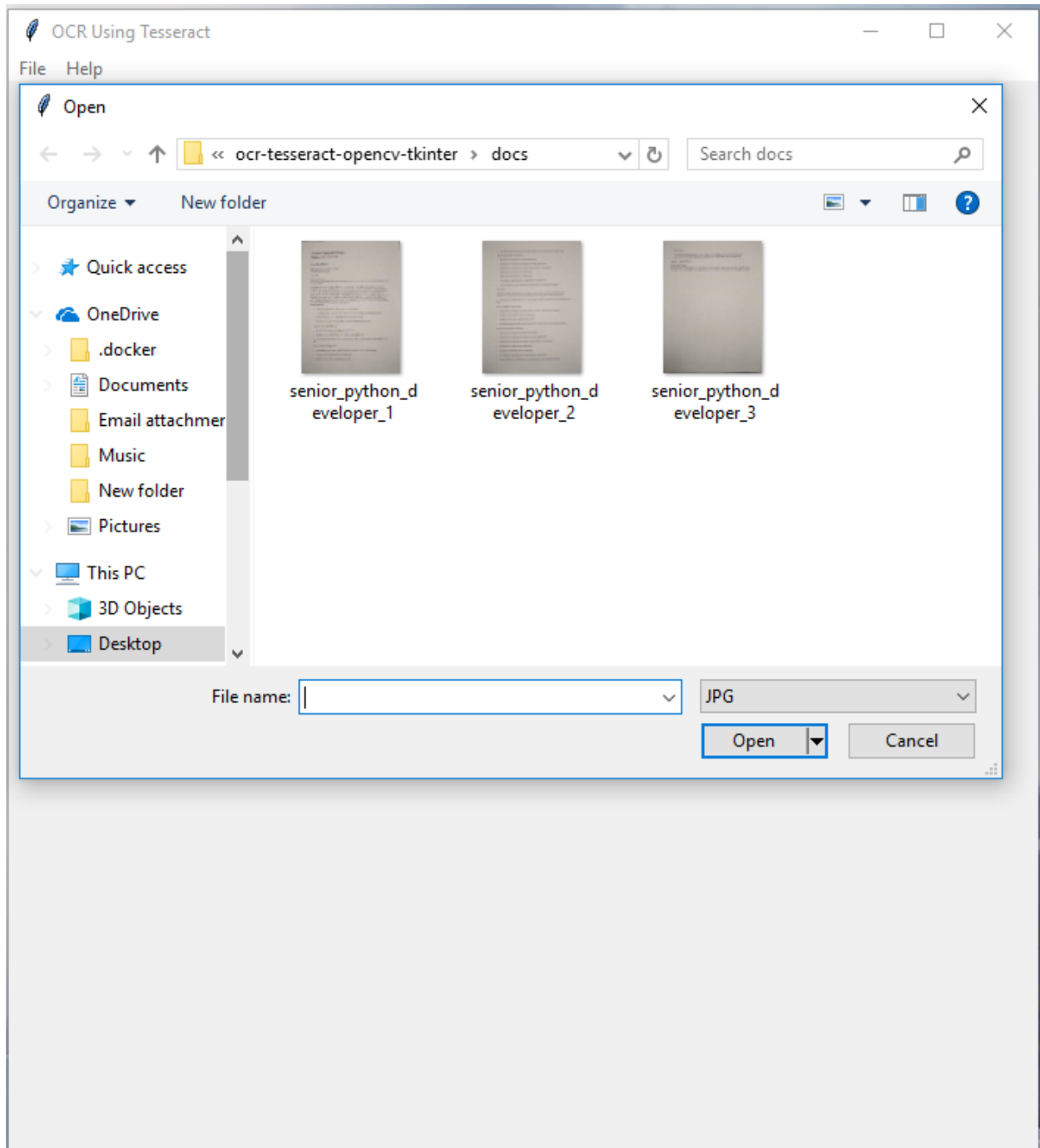
This is a demo OCR desktop application written in Python utilizing the Tesseract OCR engine for processing. Interface created using Tkinter library for desktop widgets. Images are preprocessed using OpenCV using threshold and median blur OpenCV functions. The resulting image is then passed to Tesseract to capture the text in the document and is appended to a textbox. With appending, the text from a multipage document could be captured. A Clear button will clear the captured text. A save function could be added, but is not needed at this time.

Future enhancements could include saving text to file, saving text to database, creating file structure for saving preprocessed images and captured text, introduction of additional algorithms for capturing text and images, editing text in an inline editor, and saving captured text into PDF.

OCR Using Tesseract - Version 0.5

Demonstration of using Python and Pytesseract in a desktop application for OCR.

Select Image :



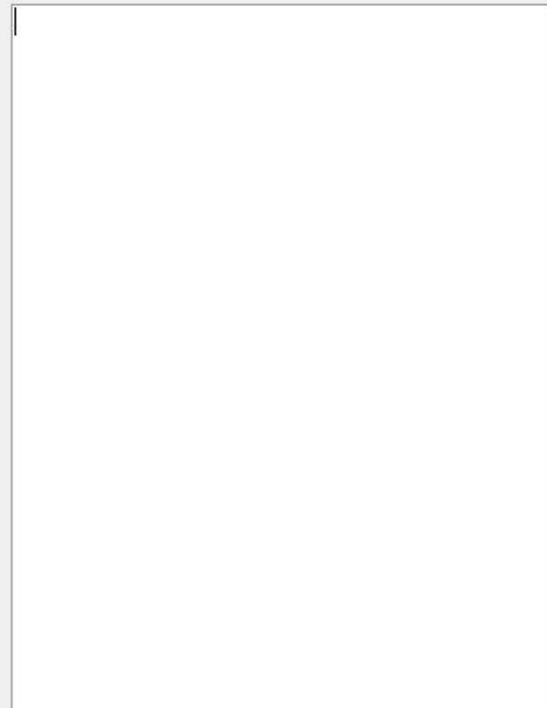
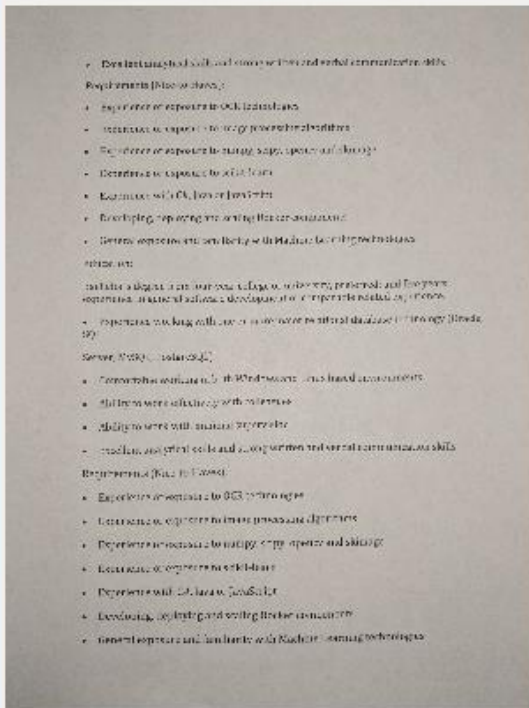
OCR Using Tesseract - Version 0.5

Demonstration of using Python and Pytesseract in a desktop application for OCR.

Select Image :

File Name: senior_python_developer_2.jpg

File Size: 904597



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- Excellent analytical skills and strong written and verbal communication skills
Requirements (Nice-to-Haves):
- Experience or exposure to OCR technologies
- Experience or exposure to image processing algorithms
- Experience or exposure to numpy, scipy, opencv and skimage
- Experience with C#, Java or JavaScript
- Developing, deploying and scaling Docker components
- General exposure and familiarity with Machine Learning technologies

We offer a dynamic and challenging work environment, professional development opportunities, and a competitive salary/benefits package.

- Experience working with one or more server virtualization technologies (VMware, Xen, etc.)
- Knowledge of cloud computing (AWS, Azure, etc.)
- Ability to work with distributed systems
- Ability to work with virtual machines
- Proficiency in Python, C++, Java, JavaScript and other programming languages
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Additional requirements include:

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- Developing, deploying and scaling Docker components
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age proc
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About



This is a demo Tkinter project by Rick Torzynski

OK

Process

Clear