

# OCR Using Tesseract and Tkinter

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

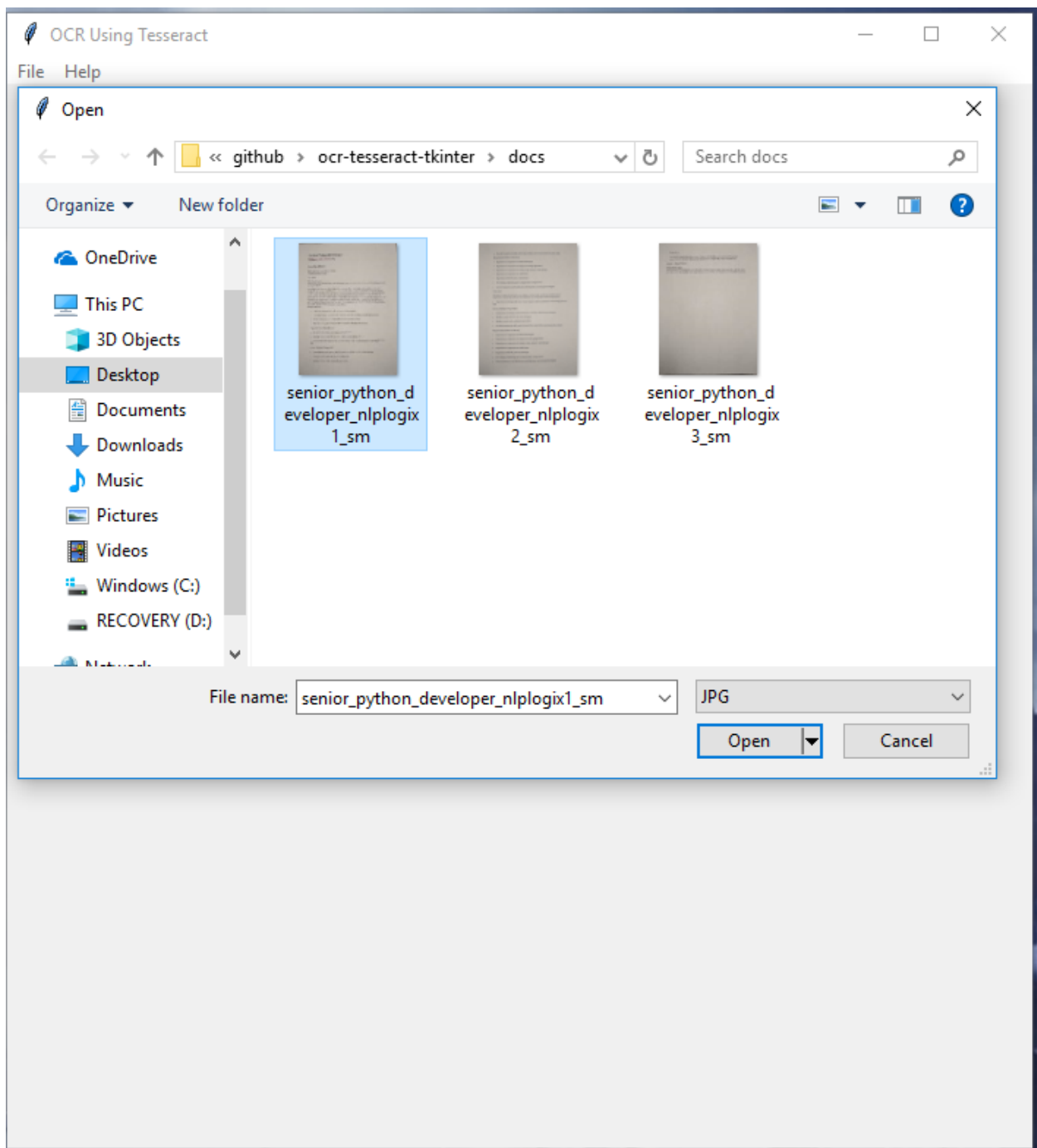
This is a demo OCR desktop application written in Python utilizing the Tesseract OCR engine for processing. Interface created using Tkinter library for desktop widgets. Images are preprocessed using OpenCV using threshold and median blur OpenCV functions. The resulting image is then passed to Tesseract 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 :



Select Image :  Browse

File Size: 913880

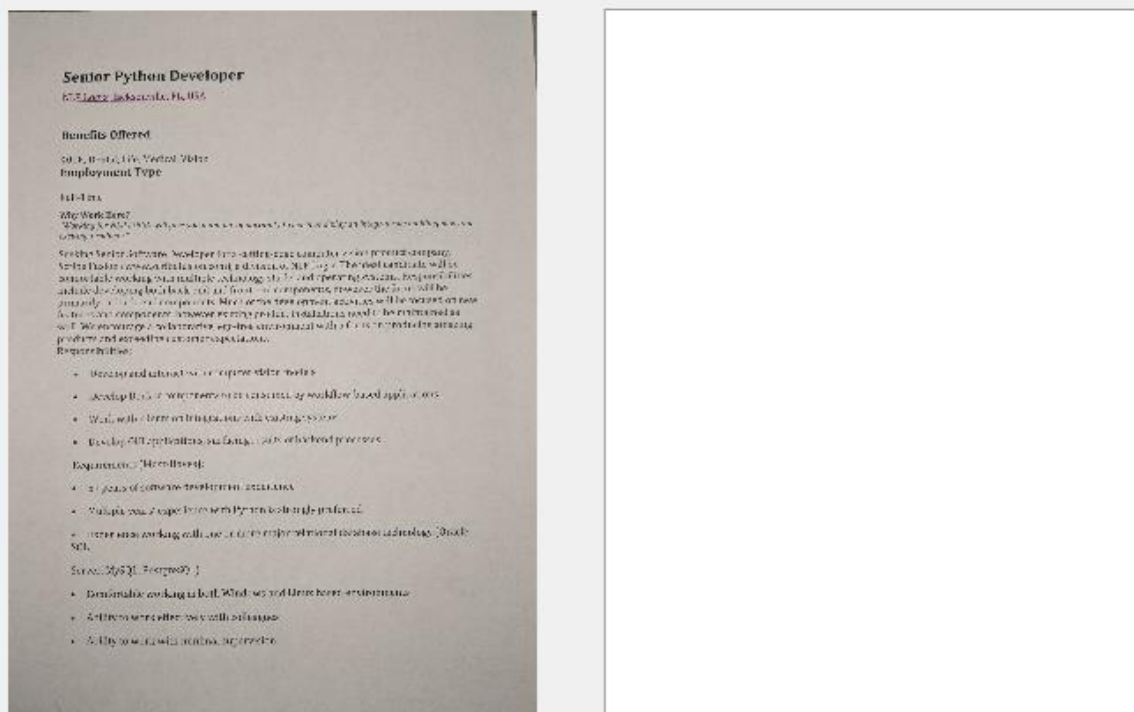


Image loaded - ready to be processed.

# OCR Using Tesseract - Version 0.5

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

Select Image :  Browse

File Name: senior\_python\_developer\_nlplogix1\_sm.jpg

File Size: 913880

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Process

Clear

Image processing complete.

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**Senior Python Developer**  
NLP LOGIX, Jacksonville, FL, USA

**Benefits Offered:**  
• 100% remote, fully remote, 9-5pm  
• Employment Type

**Full-Time**

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**About**

This is a demo Tkinter project by Rick Torzynski

Image processing complete.