
Amit Aggarwal

H: (+91) 7982035282 | amit.aggarwal1905@gmail.com

SUMMARY

Skilled Researcher enthusiastic about supporting advancements in Deep Learning, Machine Learning and their applications. Passionate about increasing knowledge to drive growth and needed improvements.

SKILLSET

Deep learning	Python Scripting, Python for Data Science
Natural Language Processing, NLP	Core Java, C++
Image Processing (Basic)	Keras,
Machine Learning	MySQL (Basic)

WORK HISTORY

WIPRO Digital

Associate Consultant, Wipro Holmes | Bengaluru | August 2017 – Current

PDF Table Detection:

- A research project involving **LSTM Neural Networks** and **Image Processing** using **OpenCV** tools for Table identification and Tabular data extraction within a PDF document.

Text Summarization:

- A research project based on **Sequence to Sequence Learning using LSTM** based **Encoder Decoder Architecture** to generate summary of a longer Text to enhance the functionality of **Mimictron** bot at Wipro Holmes (Wipro's Artificial Intelligence and Automation Solutions Platform).

Annual Report Downloader Bot:

- Developed Web Url Classifier based on **Natural Language Processing** as a part of Annual Report Downloader Bot which automates the downloading process of Annual Report given Companys' Website Url as input.

Holmes Automation (RPA) Tool, Mimictron:

- Successfully deployed and delivered **Mimictron** to various Wipro Clients for multiple use-cases.
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PATENT:

Patent filed titled **System and Method for extracting Tabular data from a PDF Document** based on LSTM Neural Networks and Image Processing.
Application Number (India Office): 201941036021

CERTIFICATION:

Acquired **IBM Watson Application Developer V3** Certification
<https://www.youracclaim.com/badges/05f74430-ee23-414f-a95d-a3cbc34ecb3>

ACHIEVEMENTS:

- Winner at **Patent Carnival-III FY-2018-19** organised at Wipro for the idea submission of Deep Learning based approach for PDF Tabular Data Extraction.
 - Secured 100% score in Internal Coding Assessment (**DIGITHON**), conducted by Wipro Digital as a part of selection process for AI/ Cognitive practice at Wipro Digital.
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EDUCATION:

B.TECH Electronics and Communication
Engineering – **8.83 CGPA**
VIT University, Vellore (2013-2017)