

RITUL PATIDAR

@ ritul.patidr@gmail.com

🌐 <https://medium.com/@artistritul1995>

in <https://www.linkedin.com/in/ritul-patidar/>

🔗 <https://github.com/p-rit>

EXPERIENCE

Advance Analytics Intern

Earnest & Young

📅 August 2019- April 2020

📍 Bengaluru

- Worked on an NLP based project related to the Analysis of Shared Mailbox using Topic Modelling and Keyword Based Clustering.
- Worked on Abstractive Text Summarization, trained a Deep Learning Model(LSTM) using Azure Databricks.

SKILLS

PyTorch

Keras

Scikit learn

Azure

Natural Language Processing

Microsoft Power BI

Data Analysis

Deep Learning

Topic Modelling

Data Mining

Git

Falsk

Core Java

PROJECTS

TV Script Generation - completed

Notebook to generate TV Script using RNN

- Trained a Recurrent Neural Network from scratch to generate fake TV Script.
- Designed using PyTorch.

Fast Neural Style Transfer - completed

Implementation of a research paper

- Submitted as the Side project for PyTorch scholarship challenge and secured an honorable mention while side project showcase.
- Developing a web app that performs real-time style transfer using transfer learning. It took about 1.5 seconds for a GTX 1060 to stylize an image.
- Designed using Flask and PyTorch.

Image classification using Deep Convolutional Neural Network - completed

Implementation of a research paper

- Submitted as Final project for PyTorch Scholarship Challenge from Facebook, accuracy of the model was one of the selection criteria.
- Trained a model that utilizes transfer learning for analysis of flower images and suggest the most probable species it belongs to.
- Achieved accuracy up to 95% on the test set.
- Designed using pytorch.

ACHIEVEMENTS

- > **Extra Miler Award**
Got recognized as The Best Intern among a batch of 25 interns working on various technologies such as Altryx, BI, Blue Prism etc
- > **Top Participant in Gssoc 2019**
Submitted Python implementation of various algorithms from the book named "Numerical Analysis and Design" By V. Rajaraman and learned the basics of github.
- > **Recipient of Pytorch scholarship from Facebook**
Competed against 10000 individual across the globe and was amongst the top 300 who were awarded a full scholarship to Udacity Deep Learning Nanodegree.
- > **Eligible for SHE Scholarship(80k INR/year) offered by Indian Government for Higher Studies**
Ranked amongst top 1% of students in my state in the higher secondary examination.

EDUCATION

Deep Learning Nanodegree

Udacity

📅 May 2018



Integrated M.Tech in Information Technology

International Institute of Professional Studies

📅 Dec 2020

📍 9.0 CGPA

Senior Secondary

B C M School

📅 Mar 2015

📍 91%

CERTIFICATES

Programming and data structures using Python

NPTEL Online Certification

📅 April 2018



Computer Science 101

Stanford Online Certification

📅 Jan 2018

