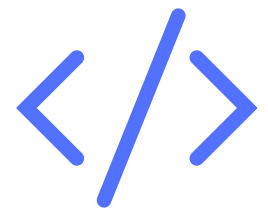


Arun Pandian R

Data Scientist | Full Stack Developer

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ABOUT

A passionate young aspirant and developer with futuristic dreams. I am a optimistic self learner and love exploring world and capable of intuitively pick up new skills.

PROJECTS

COVID-19 Detector AI Jun 2020

A Deep Learning based Image Classifier which enables us to diagnose COVID-19 using Chest X-ray Images. It is developed and deployed on Cloud with Heroku PaaS.

[PyTorch](#) | [DenseNet121](#) | [Flask](#) | [Heroku](#)

Portfolio Website May - Jun 2020

A React.js based personal portfolio website built with Gatsby and GraphQL for dynamic content. It is being served online using GitHub Pages.

[React.js](#) | [Gatsby.js](#) | [GraphQL](#)

Sentiment Analyst May 2020

Twitter Sentiment Analyst is a sentiment analysis tool for twitter. I used tweepy API library to fetch tweets and run an LSTM- based Deep Learning Classifier model to get class results for analysis. I built React.js along with Material UI for Front-end running on DjangoREST backend framework.

[TensorFlow](#) | [ReactJS](#) | [django](#)

Digit Recognizer Mar 2020

The classic handwritten digit recognition based web application built with browser native TensorFlow.js and express.js server. CNN model is trained over MNIST Handwritten Dataset and uses a 5-Layer Architecture.

[Tensorflow.js](#) | [Node.js](#) | [Express.js](#)

SKILLS

Programming Languages

Python, HTML&(S)CSS,
Javascript(ES6), C++

Libraries & Frameworks

Tensorflow, Keras, PyTorch,
OpenCV, Plotty, Seaborn,
NumPy, Sci-kit Learn, React.js,
Bootstrap, Gatsby.js, Node.js,
Express.js

Tools & Platforms

Git, GitHub, Heroku, AWS,
Firebase, Excel

EDUCATION

Bachelor Of Engineering

2018 - 2022

Computer Science and
Engineering

KPR Institute of Engineering
and Technology, Coimbatore.

INTERESTS

Computer Vision

NLP Language Modelling

ML Engineering

Data Engineering

Data Science

Full Stack Development

GOALS

- Getting into a company where my skills are best suited for.
- Contribute to open source community and making lives easier
- Become a inspiring leader in my community
- Adding value to the company with my persistent work

EXTRA CURRICULAR ACTIVITY

- Organised and hosted a seminar series **How it works?**, demystifying the daily technology
- Presented a webinar for school students as *chief resource person*, organised by Coder's Club

CERTIFICATIONS & SPECIALISATIONS

Deep Learning Specialisation May 2020

[deeplearning.ai](#) | [Coursera](#)

Tensorflow Specialisation May 2020

[deeplearning.ai](#) | [Coursera](#)

Machine Learning Apr 2020

[Stanford Online](#) | [Coursera](#)

Business English Preliminary Apr 2020

First Class with Distinction

[Stanford Online](#) | [Coursera](#)

POSITION OF RESPONSIBILITY

- Student Representative for Class of 2022
- Student Lead of *Towards AI*, an AI R&D Team
- Secretary of *KPRIET's Toastmasters Club*
- Executive Member of various *Student Development Committees*.

HACKATHON PARTICIPATION

- Led my team and came as finalist in *National Hackathon 2019* by Manipal University, Jaipur
- Finalist of National Level Ideathon 2020

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