Arunava Chakraborty

Machine Learning | Python

In love with Artificial Intelligence.

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📍 Kolkata, India

🌐 www.youtube.com/channel/UC2ZFGaNzZt-sUy2qZT6L7Zw

in linkedin.com/in/iarunava

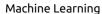○ github.com/iArunava

Ⓜ medium.com/@iArunava

SKILLS

Python
● ● ● ● ○

Deep Learning
● ● ○ ○ ○

Machine Learning
● ● ○ ○ ○

C++
● ● ● ● ○

Android Development
● ● ● ○ ○

Web Development
● ● ● ○ ○

INTERESTS

AI Deep Learning

Algorithms

Programming

Computer Vision

Data Structures

Natural Language Processing

EDUCATION

Student

Government College of Engineering and Textile Technology, Serampore

08/2015 – Present   *Kolkata, India*

CERTIFICATES

Neural Networks and Deep Learning (06/2018 – Present) ☑
Coursera -- Graded 100%

Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization (07/2018 – Present)
Coursera -- Graded 100%

Artificial Intelligence 2018: Build the Most Powerful AI (06/2018 – Present) ☑
Udemy

Machine Learning (02/2018 – Present) ☑
Coursera -- Graded 99.2%

Introduction to Algorithms and Analysis (11/2017 – Present) ☑
NPTEL -- Graded 99%

Programming in C++ (10/2017 – Present) ☑
NPTEL -- Graded 88%

PERSONAL PROJECTS

IMDB Sentiments (07/2018 – Present) ☑
- Built a MLP model to perform sentiment analysis with the IMDB Movie Reviews Dataset.
- Used the Tensorflow high level Keras API to built the model.
- Achieved an accuracy of about 90% on the test data.
- Working on a tkinter app to take reviews and return a sentiment.

iSeeDigits (03/2018 – Present) ☑
- Built a Handwritten Digit Recognizer.
- Built a 3-layer Artificial Neural Network model from scratch in Python using only numpy.
- Built a Web Application using the model.
- Added a feature to Download all the data generated on the Web.

Assistant Reminder (01/2018 – Present) ☑
- Developed a firefox addon compatible with firefox 57+.
- Built a feature to set reminders in different colored cards.
- Built a feature to show greeting messages to users.
- Built a user base of 200+ users.

Blemger (12/2017 – Present) ☑
- Built a web application that blends two images.
- Developed with the concept of linear blend in Computer Vision.
- Added a feature to control the ratio of the RGB channels of both images.
- Added a feature to control the Alpha value of both the images.

Learn A Word (04/2017 – Present) ☑
- Developed an Android Application which serves as a Dictionary.
- Added a feature to help users enhance their vocabulary.
- Kept features and design optimized to make the app Lightweight.
- Built as a part of the Oxford API competition 2017.