



Arunava Chakraborty

Learner



iarunavaofficial@gmail.com



7890815302



Kolkata, India



www.youtube.com/channel/UC2ZFGaNzZt-sUy2qZT6L7Zw



linkedin.com/in/iarunava



quora.com/profile/Arunava-Chakraborty-22



github.com/iArunava

SKILLS

Python



Machine Learning



C++



Android Development



Web Development



Bash



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

Machine Learning (02/2018 – Present)

from Coursera -- Graded 99.2%

Introduction to Algorithms and Analysis (11/2017 – Present)

from NPTEL -- Graded 99%

Design and Analysis of Algorithms (10/2017 – Present)

from NPTEL -- Graded 82%

Programming in C++ (10/2017 – Present)

from NPTEL -- Graded 88%

Data Structures and Algorithms with Python (11/2016 – Present)

from NPTEL -- Graded 78%

PERSONAL PROJECTS

iSeeDigits (03/2018 – Present)

- iSeeDigits is a simple Digit Recognizer. Using the MNIST DataSet
- I used a simple 3-layer Neural Network to train the model. Which I fed into JavaScript. No ML / DL libraries are used. The Neural Network is coded from scratch. I just used math.js to perform the matrix multiplications on the web.
- It is a Web Application.
- You can download all the data that is being generated while you play with the application.
- For a demo watch this: <https://youtu.be/Te97D-9jr4o>

Assistant Reminder (01/2018 – Present)

- Assistant Reminder is a firefox addon compatible with firefox 57+
- With assistant reminder one can set up reminders and get notified and view all ongoing and upcoming reminders. Currently at v2.6.1.
- Currently has ~200 users

Passwordz (12/2017 – Present)

- Passwordz is a web application. It is a random password generator.
- It comes in with a handful of customizations to make the generated password more useful for the user.

Python - TheNoTheoryGuide (01/2018 – Present)

- The project consists of jupyter notebooks separated into different topics focused on learning the Python programming language.
- Each such notebook consists of code snippets for performing various tasks, that one can just run in their browser and practice in while editing and seeing results.
- The project, for now, just focuses on the basics of Python. Updates will be made in future as I get time.

Learn A Word (04/2017 – Present)

- Learn A Word is an Android Application. It was developed as a part of the Oxford API competition 2017.
- The application was developed with the idea of a Vocabulary Enhancer Application. But, as it would turn to be very helpful for the users if the app served as a Dictionary also, so the app is also integrated with the Dictionary feature.
- The application is Lightweight, and is about 1.8MB.