

Aakash Kumar

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EDUCATION

INSTITUTE OF ENGG AND RURAL TECHNOLOGY

BTECH IN ELECTRONICS ENGINEERING

August 2016 to December 2020

Prayagraj, UP, India

Cum. GPA: 8.0/10.0

LINKS

Codechef:// [aakashakki1](#)

LinkedIn:// [aakash-kumar-b1ab60158](#)

COURSEWORK

UNDERGRADUATE

Data Structure and Algorithms

Electronic Devices and Circuits

Signals and Systems

Digital Logic Design

Microprocessors and Microcontrollers

Electromagnetic Field Theory

Integrated Circuits

Digital Signal Processing

Advance Semiconductor devices

Cyber Security

Microwave Engineering

Control System

RADAR Engineering

SKILLS

Data Structures

Algorithms

LANGUAGES

Python

C++

Octave

PLATFORMS

Windows

Linux

DATABASE

MySQL

DEVELOPMENT TOOLS

Github

INTERNSHIPS/TRAININGS

SCALER ACADEMY BY INTERVIEWBIT | TRAINEE

July 2019 - January 2020

- Six months intensive online training provided on Data Structures and Algorithms, System Design and other basic computing principles such as DBMS
- Solved 200+ algorithmic problems as a part of the course.

CODING BLOCKS | TRAINEE, C++

June 2019 - July 2019 | New Delhi, India

- Hands on training on various data structures and algorithms.
- Solved 100+ algorithmic challenges on their online platform.
- Algorithms and Data structures included but were not limited to recursion, backtracking, trees, graphs, heaps, LinkedList

COURSERA | MACHINE LEARNING TRAINEE

November 2018 - February 2019

- Training provided broad introduction to machine learning, datamining, and statistical pattern recognition. Topics include: (i) Supervised learning (svms, kernels, neural networks). (ii) Unsupervised learning (recommender systems, deep learning).
- I also did two projects - (1) Image classification using tensorflow (2) Price prediction using keras

PROJECTS

IMAGE CLASSIFIER

- This is a Deep Learning Project.
- Implemented CNN for building the model and image dataset for training.
- Github link - <https://github.com/aakashakki1/Image-Classifer->

PREDICTING STOCK PRICES USING KERAS

- In this project, I implemented a stock predictor using keras.
- I used LTSMs (long-short-term-memory) tool of python
- Github link - <https://github.com/aakashakki1/Predicting-Stock-Prices-Keras->

AWARDS

Apr 2019 Global Rank - 3897 Google CodeJam Round 1C

Feb 2019 Global Rank - 4774 Google Hash Code

CERTIFICATIONS

- Programming, Data Structures and Algo using Python by NPTEL, Govt. of India
- Internet of Things by Coursera
- An Introduction to Interactive Programming In Python
- The Raspberry Pi Platform and Python Programming for Raspberry Pi