

Kartik Tyagi

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EDUCATION

B.Tech Computer Science & Engineering
 IIIT,Noida | 2020 | CGPA : 9.0/10

Class XII
 S.D Public School,Muzaffarnagar | 2016 |
 95.4 %

Class X
 S.D Public School,Muzaffarnagar | 2014 |
 CGPA : 9.6/10

LINKS

LinkedIn
[linkedin.com/in/kartik-tyagi4282](https://www.linkedin.com/in/kartik-tyagi4282)

Github
github.com/kartiktyagi4282

CodeChef
 Ratings - 4 star (1910)
[codechef.com/users/kartiktyagi4282](https://www.codechef.com/users/kartiktyagi4282)

HackerRank
hackerrank.com/tyagikartik4282

StopStalk
stopstalk.com/user/profile/tyagikartik4282

SKILLS

PROGRAMMING

C • C++ • Python
 Machine Learning • Deep Learning
 Competitive Programming

WEBDEV

HTML • CSS • JS
 PHP • JQuery

TOOLS

Git • VSCode • Arduino
 MySQL Workbench

TRAINING COURSES & CERTIFICATIONS

DATA SCIENCE AND MACHINE LEARNING BOOTCAMP | UDEMY
 Dec'18 | Online

- Hands-on practised Supervised Learning Algorithms.
- Feature Extraction Techniques and Tools, Validation.
- Deep Learning.

CERTIFICATION OF COGNITIVE.AI CLASSES | IBM

Nov'18 | Online Certification Programme

- Learnt about various Data Visualisation and Data Analysis techniques.

MACHINE LEARNING BY ANDREW NG | COURSERA

May-Aug'18

- Learnt insights of various Machine Learning Algorithms.
- Trade off between bias and variance.
- Simultaneously done projects on Kaggle platform, MNIST datasets,etc

DEEP LEARNING SPECIALISATION | DEEPLARNING.AI

Jan-Apr'19

- Neural Networks and Deep Learning
- Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization
- Structuring Machine Learning Projects
- Convolutional Neural Networks

PROJECTS

FOOD SAVIOUR APP | Android App

Nov'18 | Minor Project

- Python , Android , Firebase , DialogFlow (Chatbot)
- Created an application in Android that automatically creates discounts on product which are about to expire.
- WebCrawler – extracting data and images from webpages using BeautifulSoup and HTML5Lib.
- Dialog Flow - Customer Service Chatbot using Natural Language Processing(NLP)
- TensorflowLite - recognizing text from phone captured images.

PROJECTS DONE IN ONLINE COURSES | Coursera,Udemy,Kaggle

Dec'18

- Predicting revenues of movies TMDB dataset (ranked 104th globally in this Kaggle competition)
- Object Detection, Face Expression Recognition, Handwritten Digit MNIST data.
- Used Deep Neural Networks CNN for recognizing among 10 categories of Apperels/Clothes.

COURSEWORK

GRADUATE

- Data Structures and Algorithms
- Operating Systems
- Computer Networks
- Fuzzy Logics And Neural Networks
- Data Analytics
- Advanced Data Structures
- Database System And Web
- Software Design & Engineering

ONLINE COURSES

- Machine Learning Bootcamp Udemy
- Machine Learning by Andre Ng

EDUCATION HUB – A COMMERCIAL WEBSITE | Web App Dec'17

- HTML , CSS , JavaScript , JQuery , Bootstrap.
- An educational portal website for all JEE/NEET aspirants.(Aug 2017-Dec 2017).
- Aspirants can give Mock-Test and access JEE study material online.

TRAVEL AGENCY Feb'18

- Java , Eclipse , Netbeans
- GUI based project using core Java and data structures and algorithms.

ACHIEVEMENTS & AWARDS

FIRST RUNNER UP - SMART INDIA HACKATHON | Guwahati Mar'19

Ranked First Runner Up Position in Smart India Hackathon organized by Government of India , Nodal Center at Guwahati (made website for Ministry of Statistics And PI, MOSPI)

FIRST POSITION - ALGORYTHM19.0 | Jaipur Mar'19

Won 5k for securing First Prize in Inter-college Coding Competition Algorhythm 19.0 organized in JKLU,Jaipur

SHOWN WORKING PROTOTYPE IN INTERNATIONAL CONFERENCE | Noida

Mar'18

Shown the working prototype of touchless password lock in International Conference on Contemporary Computing (IC3) conference organised in college.

2ND POSITION - TECHFEST CODING EVENT | Roorkee Jan'18

Ranked 2nd position in IIT Roorkee Techfest zonal rounds held at RKGIT, Ghaziabad.

RUNNER-UP POSITION (OVERALL 4TH POSITION) IN XENITH | College Event

Sep'17

Runner-up position (overall 4th position) in Xenith.

BASED ON XIITH CBSE AND IIT-JEE RANK , SECURED 4TH RANK IN WHOLE CITY. Jun'16