

Arun Kumar Aditya

Junior Year B.Tech Student
Computer Science and Engineering

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Academic Details

Year	Degree	Institute	Percentage/CGPA
2016-Present	BTech in Computer Science and Engineering	Rajasthan Technical University Kota	CGPA = 6.45/10
2015	Class XII BSEB	Samastipur College Samastipur	Percentage = 71.2%
2013	Class X CBSE	Central Public School Samastipur	CGPA = 8.8/10

Major Projects

Implementing K-Means clustering (March 2019)

Used Python Scikit-Learn, Numpy libraries.

Determined pattern, symmetries in disease name ALS.

Evaluated the model performance by reporting the centre of clusters.

Music Player Android App and Tic Tac toe game (January 2019)

Designed UI with Xml and logic with Java.

Use [Cleveroad Wave API](#) for Audio Equalizer and Wave.

Authentication Using Firebase Real Time Db (January 2019)

Created an Android application that uses firebase for upload and download data and user authenticating .

[Student Management System](#) (October 2018)

Used php as a Backend Language.

Implemented User Authentication (login, password, Signup) features from scratch.

[Bouncing Ball Game](#) (July 2017)

Created bouncing ball game Using javascript.

Programmed functionalities such as change level, Play and Pause, Score and Timer.

SKILLS

Languages

C, Python, Java, Kotlin.

Web Development

HTML, CSS, Bootstrap, JavaScript, Php.

Databases

MySQL, Firebase (Real Time Db, Cloud Storage).

Software and Tools

Git (VCS), Linux, Android Studio.

COURSEWORK

Data Structure and Algorithm, Computer Networking, Computer Architecture, Operating System, Theory of Computation, Software Engineering, OOP, Discrete Mathematics, Data Mining, Artificial Intelligence, Compiler Design , Information Security System.

Python for Data Science by University of California, San Diego on edx (MOOC course).

[Android App Development on Internshala](#) (MOOC course).

[Data Science by Analytics Vidhya on Internshala](#) (MOOC course).

Core Java by lit kharagpur on NPTEL (MOOC course).

Programming in c by lit kharagpur on NPTEL (MOOC course).

Summer Training on Android from Ducat ,noida(6week).