



Devansh Singh Rathore

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🐙 <https://github.com/RathoreDevansh08>

Date of Birth: 19 June 1999

EDUCATION

2017 – Present

B.Tech. - Computer Science and Engineering

From Indian Institute of Technology, Palakkad, Kerala

- CGPA: 8.56 (Current)
- ELECTIVE COURSES:
 - (CS5613) Cryptography
 - (CS5502) Functional Programming
 - (CS5007) Deep Learning
 - (MA2030) Abstract Algebra
 - (MA2032) Numerical Analysis

2016 – 2017

Class XII

From O.P. Jindal Modern School, Hisar, Haryana

- CBSE Board
- Scored: 91.4%

2014 – 2015

Class X

From Delhi Public School, Aligarh, Uttar Pradesh

- CBSE Board
- CGPA: 10

TECHNICAL SKILLS

Programming Languages C++, C, Python, Javascript, Haskell, Octave

Competitive Programming Codeforces, CodeChef, UVa, Hackerrank

Deep Learning Completed Deep Learning online specialisation course, offered by Stanford University at coursera.org

Machine Learning Completed Machine Learning online course, offered by Stanford University at coursera.org

Web Development and Database CSS, HTML, MySQL

Image Processing and OpenCV Studied OpenCV documentries online, as well as in Data Analysis Club

Basic Android Tracks Completed Basic Android Tracks online course offered at Google India Scholarship program 2018 at udacity.com

PROJECTS

May 2019 – Nov 2019

Petrichor-2020 Fest website and CA portal development

- Developed front end of Petrichor-2020 (Annual Techno-Cultural fest of IIT Palakkad) website and its CA- Portal
- Link (Main): <https://www.petrichor-iitpkd.com/>
- Link (CA Portal): <http://www.petrichor-iitpkd.com/cap>

- Oct 2018 – Nov 2018 **Garbage Management Mini Project using Verilog**
- Developed an efficient system (using Dijkstra's shortest path algorithm) for garbage collection using Verilog.
 - Link: https://github.com/RathoreDevansh08/Garbage_Management_MiniProject
- July 2018 – August 2018 **Face Recognition Project**
- Face recognition program coded in python, that recognises an image and predicts the person in image. This was meant to be used for the attendance system at IIT hostels.
 - Link: https://github.com/RathoreDevansh08/CSquare_FaceRecognition
- Jan 2018 – Feb 2018 **Cartoonifier using OpenCV**
- In this project, we coded a python program to cartoonify an image using image processing and Opencv, with use of certain noise removing filters and edge detection methods.
 - Link: <https://github.com/RathoreDevansh08/Cartoonifier>
- Dec 2017 – Mar 2018 **Online E - Challan system**
- Online E- Challan system made using concepts of Web Developement, Machine Learning.
 - Link: <http://iit.pscquestion.in/>

TRAINING AND WORKSHOPS

- Nov 2018 – Dec 2018 **Inter IIT Tech meet 2018 (Star Cluster Identifier, PlutoX Hackathon) at IIT Bombay**
- Jun 2018 – July 2018 **Deep Learning at Stanford University (online)**
- Jun 2018 **MyCaptain Artificial Intelligence (The CLIMBER program) at MyCaptain (online)**
- Jan 2018 **Kaizen Internet Of Things Workshop by LemaLabs**
- Dec 2017 – Feb 2018 **Machine Learning at Stanford University (online)**

ACHIEVEMENTS

- **ICPC 2019-20:** Our team achieved rank 244 in online preliminary round and qualified for onsite round. Achieved rank 28 in Asia region Kanpur site, rank 251 in Asia region Amritapuri site.
- **Codechef Snackdown 2019:** Qualified for online contest round 1B
- **Smart India Hackathon 2018:** Qualified for grand final round of SIH-2018
- **Google India Scholarship Challenge 2018:** Selected for the program, was offered Basic Android Tracks online course

POSITION OF RESPONSIBILITIES

- Dec 2019 – Jan 2020 **Organizer of Data Analytics Contest for Petrichor-2020 Fest**
- May 2019 – Dec 2019 **Member of Web Creative Team for Petrichor-2020 Fest**
- Aug 2018 – April 2019 **Head of Data Analysis Club, IIT Palakkad**

EXTRACURRICULAR ACTIVITIES

- **Chess:** Active participant in institute Chess competitions
- **NSO (Table Tennis):** Completed 40 hours of Table Tennis training
- **EBSB cultural program:** Participant