

# Anuranjan Dubey

SENIOR UNDERGRADUATE, COMPUTER SCIENCE, IIIT NOIDA

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## EDUCATION

**Jaypee Institute of Information Technology**, Sector 128, Noida, Uttar Pradesh, India  
*Bachelor of Technology*, Computer Science and Engineering, Jul' 17 - Jul' 21 (Expected)  
**GPA: 7.1/10** (Current 6th Sem)

**Kendriya Vidyalaya**, Aligarh, Uttar Pradesh, India  
*12th (Intermediate)*, in Physics, Chemistry & Mathematics May' 15 - May' 16  
**Second Topper — Percentage : 80 %** (Overall)

**Kendriya Vidyalaya**, Aligarh, Uttar Pradesh, India  
*10th (High School)*, May' 14 - May' 15  
**All India Topper with Merit Certificate in All Subjects.**  
**CGPA: 10** (Out of 10)

## EXPERIENCE & CERTIFICATION

\* **The Sparks Foundation** , Graduate Rotational Internship Program (GRIP) *Present*  
*Data Analysis Project*

\* **Microsoft** ,Engineering: Undergraduate & Masters Virtual Internship Platform. *Certificate*  
*Through InsideSherpa.Campus to Corporate: Business Foundation Skills, Work Ready Skills, Technical Engineer Skills*

\* **JPMorgan Chase & Co.** , Software Engineering Virtual Experience Intern. *Certificate*  
*Through InsideSherpa, Establishing Financial Data Feeds, Frontend Web Development and Data Visualization with Perspective.*

## PROJECTS

**FindMyFunds : Querying US Funds From MongoDB Streamed via Kafka** *Present*  
- A microservice built over Apache Kafka which queries US Funds and ETFs from Yahoo Finance stored in MongoDB.

**Information Retrieval from RC Images Using AWS Textract API** *Spring 2020*  
- Preprocessed the images using OpenCV library .  
- Applied AWS Textract API to Detect text efficiently.

**Automation of Physical Defect Detection in Bangle Industry** *Fall '19 - Spring '20*  
*Under guidance of Dr. Ashish Tripathi and Dr. Nitin Shukla*  
- Creation of Unique data set by bangle factory product and using data augmentation.  
- Applying ML Algorithms to Predict whether the bangle is Good, defected or partially defected.

**NLP: EMNIST Handwritten Character Classification** *Fall 2019*  
- Using **EMNIST** data sets to create a more robust version of handwritten character classification.

**Video Library Management System** *Fall 2018*  
*Under guidance of Prof. Sudhanshu Kulshrestha*  
- A Video library management system written in C++ using Array, File handling, Linked List, BST, OOP(classes and objects).

## TECHNICAL STRENGTHS

**Languages:** C, C++, Java , SQL, PL/SQL, L<sup>A</sup>T<sub>E</sub>X, Python, Assembly(8085,8086,MIPS)  
**Web & App Development:** HTML, CSS, JavaScript, PHP, React-Native(Expo), Flutter.  
**Applications & Platforms:** Amazon AWS, MATLAB, Git, Jupyter Notebook, MongoDB, Apache Kafka, CLion, PyCharm, VirtualBox, VMWare Fusion, MySQL, Oracle, Photoshop.  
**Operating Systems:** Linux, Mac OSX, Windows.

## AWARDS & ACHIEVEMENTS

**React Native - The Practical Guide 2020**  
Certificate earned : Jun, 2020 (Udemy)

**Python for Data Science and Machine Learning Bootcamp.**  
Certificate earned : May, 2020 (Udemy)

**Certificate of Appreciation - 22nd National Children's Science Congress, 2014**  
NCSTC- Department of Science And Technology, Government of India.  
*A Programme of National Council Of Science & Technology Communication*

**Machine Learning by Stanford University on Coursera.**  
Certificate earned at Friday, July 5, 2019 (Coursera)

**National Year of Mathematics - 2012** Secured 1st Position for the best Presentation in Agra Region (*Kendriya Vidyalaya Sangathan*)

Awarded Merit Certificate From **CBSE** in all Subjects at High School.

A Contest Rating of 1022 on **HackerRank** - with 4 & 5-star Badges in Problem Solving & C++.