



ANURAG KUMAR JHA

ID No.: 2020A7PS0128U

Discipline: B. E. Computer Science Engineering

CGPA: 10.00

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Gender: M Age: 19 years

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BITS Pilani
Dubai Campus

Academic Details

Course	Specialization	School	Board	Score	Year
Class XII	Science	DPS Ranchi	CBSE	98.4%	2020
Class X	NA	JVM Shyamali, Ranchi	CBSE	97.2%	2018

Discipline Courses studied during B. E.

Biology Laboratory, General Biology, Engineering Graphics, Technical Report Writing, Chemistry Laboratory, General Chemistry, Computer Programming, Mathematics I, Thermodynamics, Electrical Sciences, Mathematics II, Probability and Statistics, Workshop Practice, Physics Laboratory, Mechanics Oscillations & Wave, Economics, Logic in Computer Science, Discrete Structures for Computer Science, Object Oriented Programming, Digital Design, Mathematics III(Ongoing), Data Structures & Algorithm(Ongoing), Database Systems(Ongoing), Microprocessors & Interfacing(Ongoing), Environmental Studies(Ongoing)

Elective Courses completed during B.E.

International Relations
Cultural Studies (Ongoing)
Lab Project on image animation using deep learning (Ongoing)

Technical Skills

1. Proficiency in programming using C, C++
2. Proficiency in MS Office Suite
3. Java basic and java advanced
4. JavaScript, jQuery, Web Application Development using PHP
5. Managing data with MySQL, SQLITE, SQL, MongoDB and Firebase
6. Python Programming and Data Exploration in Python
7. Auto Cad Mechanical
8. Android Development using android studio using JAVA backend
10. MATLAB for Studying Neural networks and Solving Systems of Equations
11. Neural Designer for machine learning applications
12. TensorFlow and YOLOv4 using Python for data training and machine learning
13. R for Data Science
14. MATLAB for Digital Image Processing
15. Version Control using Git and GitHub
16. RASA Chatbot development
17. Basic IoT

Work / Internship Experience

(i) Worked as Trainee with “ORE2METAL, Canada” from 15.06.2021 to 31.10.2021 on the Topic:

- Smart Manufacturing using Intelligent Sensors and AI techniques

(ii) Worked as Trainee with “Motion Signal Technologies, Cornwall, UK” from 01.06.2021 to 15.9.2021 on the Topic:

- Smart Acoustic Monitoring and Advanced Analytics using AI techniques

(iii) Worked as Trainee with “fibrisTerre GmbH, Germany” from 01.04.2021 to 31.05.2021 on the Topic:

- Software development for Real time Structural Health Monitoring and Alarm System

(iv) Worked as Trainee with “NEXGENHITECH - Trusted Partner for fibrisTerre GmbH, Berlin, Germany” from 01.10.2020 to 23.12.2020 on following two projects:

- Real time Disaster Monitoring System
- Real time Productivity Monitoring System of Robot

(v) Worked as Trainee with “BioID GmbH, Nuremberg, Germany” from 10.06.2019 to 15.08.2019 on following two projects:

- Biometric Photo verify Project for Android
- Web App project for Liveness Detection

On-campus / Off-campus Projects and Research Experience

- Building a “DOTS AND BOXES” game using Artificial Intelligence
- Building a “Logic Angel” game using Artificial Intelligence and Pygame
- Co-Developer of TAPP App, a startup featuring in Expo.
- Working on Rasa based University Chatbot system
- College Attendance App using Android Studio with Mongo DB database.
- Firebase based faculty assistant app using Android Studio.
- Currently working on Deep Learning based Image Animation using Tkinter for support.

Extra-Curricular Activities

- Obtained top 10 in UAE in Google organized Coding contest, GOOGLE HASHCODE 2022.
- Obtained SIXTH position in UAE in Google organized Coding contest, GOOGLE HASHCODE 2021.
- Obtained the global position of 312nd in REPLY CODE CHALLENGE 2021.
- Won Coder of the year 2021 held by Microsoft Tech Club.
- Won Big-O notation code challenge 2021 by ACM.
- Won Capture the Flag 2021 by ACM.
- Runners Up in Code Champ 2021 by ACM.
- Cleared NTSE 2018.
- Cleared KVPY first round 2019.
- Cleared qualification round of RMO, NSEP, NSEC and NSEA.
- Obtained 31 certificates by attending International Math Olympiad (IMO), National Cyber Olympiad (NCO), National Science Olympiad (NSO), International English Olympiad (IEO) conducted by Science Olympiad Foundation (SOF) and Unified Cyber Olympiad (UCO), National Science talent search examination (NSTSE) & Unified international English Olympiad (UIEO)
- 47 certificates (First/ Second/third) by attending Inter school/ Intra school debate, elocution, science exhibition, quiz, global English language test and National standard examination in Junior Science (NSEJS)

<Other>

Languages known: Python, C, C++, Java, JavaScript, HTML, CSS, PHP, MySQL, SQLITE, MongoDB, MATLAB, R

Member of Technical / Other Association: Member of ACM and MTC tech clubs. Part of development team in Conversational AI.

Add any other relevant information:

GitHub Profile: <https://github.com/anuragkj>

LinkedIn Profile: <https://www.linkedin.com/in/anurag-kumar-jha-680419204/>