Ayush Kumar

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Education

Exp. 2023	**Bachelor of Technology**, Dept. of Computer Science and Engineering, IIT Kanpur, India	*CPI: 9.00/10*
May 2019	**Grade XII (AISSCE)**, DPS, Ranchi	*Percentage: 94.0%*
May 2017	**Grade X (AISSE)**, Loyola Convent, Ranchi	*CGPA: 10/10*

Achievements

Jun 2019	**AIR 128**, Joint Entrance Examination - Advanced, among 230,000 candidates	*India*
May 2019	**AIR 752**, Joint Entrance Examination - Mains, among 1.1 million candidates	*India*

Projects

ML @ Kaggle
Summer Project, Programming Club IITK   *May 2020 -July. 2019*

- A project aimed at learning the basics and higher levels of machine learning through competitions on **Kaggle**
- Used PyTorch for building the models from scratch at first
- In the later part did sentiment analysis and Word Embeddings using Word2Vec

Basic CP
Summer Project, Programming Club IITK   *May 2020 -July. 2019*

- Aimed to learn how to efficiently solve **Competitive Programming** questions
- The Project aimed to introduce and develop Programming skills and how to code with less memory and time complexity

Deep Dive Into Hackathons (NLP)
Hackathon, Programming Club IITK   *August 2020 -*

- A series of deep Learning Hackathons
- Currently participating in the hackathon **Gendered Pronoun Resolution** on **Kaggle**

Skills

Programming Languages	C/C++, Python
Frameworks	PyTorch, TensorFlow
Robotics	ROS, OpenCV, Arduino
Utilities	LaTeX, Git, Autodesk Inventor
Languages	English, Hindi, Punjabi
OS	Linux(UBUNTU), Windows

Relevant Coursework

Computer Science	Fundamentals of Computing, Data Structures and Algorithms
Electrical Engineering	Introduction to Electronics
Mathematics	Linear Algebra and Ordinary Differential Equations, Multivariable Calculus, Mathematics For Computer Science
Coursera	Algorithms In Graphs, Machine Learning With Python, Data Structure, Data Science in Python, Algorithmic Toolbox *(Online Courses)*