

Sudhanshu Bansal

Computer Science and Engineering
Indian Institute of Technology Kanpur



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EDUCATION

- 2017–Now **Bachelor of Technology**
Computer Science, IIT Kanpur
CGPA: 8.2/10.0
- 2017 **12th CBSE**
Netaji Model School
Percentage: 91%
- 2015 **10th ICSE**
Holy Family Convent School
Percentage: 94.6%

WORK EXPERIENCE

Addverb Technologies, Noida December 2018
Speech to text

- Using keras created neural nets trained to pick specific speech words from continuous speech mode.
- Researched on the performance of neural nets like CNN, LSTM-RNN and siamese-NN.

Summer of Code, IIT Kanpur May - July 2018
Full stack Developer

- Created a web based platform for mentors and students to communicate based on an individuals interest.
- Created chat app using socket programming, database management using mongodb, created a dynamic website using angular

HACKATHONS

Okta Hackathon March 2019

- Worked with okta api and created the front end for web in React

Codechef Hackathon in collaboration with Alibaba Cloud September 2018

- Worked with Codechef API and created a problem suggestor web app for new competitive programmers
- Placed in the top 10

AWARDS AND ACHIEVEMENTS

- 2017 **All India Rank 155**
JEE Advanced, 160,000 candidates
- 2017 **All India Rank 604**
JEE Mains, 1.12 million candidates
- 2016 **KVPY Scholarship awardee**
Scholarship by IISc, Govt. of India

PROJECTS

Internet of Things, Alexa Skill May 2018 - July 2018

Programming Club IIT Kanpur

- Worked with various amazon services like Lambda, Alexa skill kit, Rekognition, Kinesis, SNS, S3 bucket, Dynamodb, Mobile sdk
- Created an app which reports the replaced objects in a video
- Connected Android with Alexa, and various other cloud services

Cyber Security January 2018 - April 2018
Association of Computing Activities, IIT Kanpur

- Performed various Capture the flag based on Buffer-Overflow, Heap Overflow, Shell code injection, sql injection

COURSEWORK

- Introduction to Programming
- Data Structure and Algorithm
- Discrete Mathematics
- Probability in Computer Science
- Computer Architecture
- Numerical Methods
- Machine Learning(i)
- Theory of Computation(i)
- Operating System(i)
- Principles of Programming Languages(i)

i: ongoing

TECHNICAL SKILLS

LANGS	C/C++(Proficient), Python, Javascript, Haskell
WEB	MEAN, mysql, socket.io
UTILS	LaTeX, Git, Kubernetes, Docker, Matlab

MISCELLANEOUS

- Deep Dive Into CP19 Mentor** of Programming Club IIT Kanpur; Mentored a group of 15 students teaching them algorithms that are used in competitive programming.
- Secretary** of Programming Club IIT Kanpur; Managing various Programming club events and workshops throughout the year
- Academic Mentor** Guided freshers who face difficulty in Programming by hosting Lectures and Doubt-Clearing Sessions.