

Sudhanshu Bansal

Computer Science and Engineering
Indian Institute of Technology Kanpur



sudhanshu.bansaliit@gmail.com
Sudhanshu Bansal
Sudhanshu127

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

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%

AWARDS AND ACHIEVEMENTS

2017	All India Rank 604 JEE Mains, 1.12 million candidates
2017	All India Rank 155 JEE Advanced, 160,000 candidates
2013	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.