SUDHANSHU BANSAL

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EDUCATION

Indian Institute of Technology Kanpur   *July 2017 - Present*
Btech Undergraduate   Overall GPA: 8.4/10
Department of Computer Science Engineering

TECHNICAL STRENGTHS

Computer Languages	C/C++ , Rust , Python
Web	MEAN
Operating Systems	Ubuntu, Arch
Software & Tools	LaTeX, Git, Sublime, Oracle VM, Unity, Matlab, Jupyter Notebook, Keras

WORK EXPERIENCE

Speech to text   December 2018
at Addverb Technologies,Noida

· 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.

Full stack Developer   May 2018 - July 2018
at IIT Kanpur

· Created a web based platform for mentors and students to communicate based on an individuals interest.
· Implemented Multi-database structure for users for better performance of recommender algorithm

PROJECTS

Amazon web services   May 2018 - July 2018
Internet of Things

· Worked with various amazon services like Lambda,Alexa skill kit, Rekognition, Kinesis,SNS, S3 bucket, Dynamodb , Mobile sdk
· Created an app which reports the missing object in the video

Cyber Security   January 2018 - April 2018

· Performed various Capture the flag based on BufferOverflow, Heap Overflow, Shell code injection, sql injection

ACADEMIC ACHIEVEMENTS

JEE MAINS - Among top 0.05 percentile out of 1,120,000 candidates

JEE ADVANCED - Among top 0.1 percentile out of 160,000 candidates

KVPY scholar

RELEVANT COURSES

Introduction to programming - A*

Linear Algebra and Differential Equations

Probability in Computer Science

Data Structure and Algorithm - i

Computer Architecture - i

A* - Outstanding performance

i - Ongoing

Discrete Mathematics

Numerical Methods

Logic

Introduction to electronics

Computing Laboratory - i

POSITION OF RESPONSIBILITY

Techkriti 2019 - Technical and entrepreneurial Festival August 2018 - Present
Event Manager *IIT Kanpur*

· Creating, Hosting and Managing software events to be held during Techkriti'19

Programming Club April 2018 - Present
Secretary *IIT Kanpur*

· Managing various Programming club events and workshops throughout the year

Academic Mentor April 2018 - Present
Intro to Programming *IIT Kanpur*

· Academic Guide for freshers who face difficulty in Programming

· Hosting Lectures and Doubt-Clearing Sessions throughout the year

EXTRA-CIRRUCULAR

- Used ardunio,esp8266,processing,ICs,etc. Won electromaina in takneek

- Active in Competitive Programming on codeforces and codechef

- Developed games on Python and Unity

- Take part in monthly hackathons (projects available on github)