



# SUMIT KUMAR

## CONTACT

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## EDUCATION

**JADAVPUR UNIVERSITY**

B.E. IN ELECTRONICS AND  
TELECOMMUNICATION ENGG.

Expected May 2021

CGPA: 8.83

**DAV MODEL SCHOOL**

MAY 2017| DURGAPUR

Marks (%): 93.8

**ST. VINCENTS SCHOOL**

MAY 2015| ASANSOL

Marks (%): 96.3

## COURSEWORK

### UNDERGRADUATE

- Data Structure
- Algorithm
- Operating System
- DBMS

## SKILLS

### LANGUAGES

- C++/C
- JavaScript
- Python

### FRAMEWORK

#### Frontend

ReactJS • HTML/CSS

#### Backend

NodeJS • Flask

### TOOLS/OS

Git • Qt • Linux

### LIBRARIES

- Numpy • Pandas
- Matplotlib

## INTERNSHIP

**AIRBUS | SOFTWARE DEVELOPMENT INTERN**

May 2020 – June 2020

- Developed a GUI that allows users to create procedures from formal specification and auto generate corresponding C source code files, thus automating manual work.

## PROJECTS

### PATH VISUALIZER

- Built an interactive GUI which helps in easy visualization of path finding algorithms. Visualized and compared 5 different path finding algorithms.

### COVID-TRACKER

- A react app for visualizing daily rise in covid cases in India. Users can filter results according to different locations.

### IPL SCORE PREDICTOR

- Predicted first innings score of the match taking into consideration last five overs data. Built a model using Linear Regression. Deployed it as a flask application.

### URL SHORTENER

- Built an interactive web app which helps to shorten a URL, thus making it easy to remember.

## ACHIEVEMENTS

- Awarded the prestigious JBNSTS Scholarship motivating creative minds.
- Rank 182 in WBJEE among over 1,00,000 contesting candidates.
- 99.0 Percentile in JEE Advance-2017.
- 4 star on Codechef | 5 star on Hackerrank
- RunnerS Up | ELECTRONICHE, SRIJAN'19

## CO-CURRICULAR

**VICE CHAIR | IEEE JU CS SOCIETY**

- One of the founding members of the Student Branch. Involved in multiple national-level events.