

# Md Sahil

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## EDUCATION

### BE IN COMPUTER SCIENCE AND ENGINEERING

2017 - 2021 (EXPECTED) | JADAVPUR UNIVERSITY, KOLKATA  
CGPA (5 sems): 8.196

### AISSCE (CLASS 12)

2017 | D.A.V MODEL SCHOOL, DURGAPUR  
(Physics, Chemistry, Mathematics, Computer Science, English)  
Percentage: 94.4%

### AISSE (CLASS 10)

2015 | D.A.V PUBLIC SCHOOL, DUBRAJPUR  
(Science, Social Science, Foundation of I.T., Mathematics, English  
Comm., Bengali)  
CGPA: 10

## WORK EXPERIENCE

### AMAZON INTERN

April 2020 - June 2020 (2 months)  
AMAZON VIRTUAL INTERNSHIP PROGRAM

## PROJECTS

### MULTI/MANY OBJECTIVE OPTIMIZATION

July 2019, in progress  
Under Dr. Ujjwal Mallik, Department of CSE, Jadavpur University  
Working on improving an algorithm called AMOSA (Archived Multi  
Objective Simulated Annealing)

### FRAME INTERPOLATION IN VIDEO

July 2020, currently in early stages  
Under Dr. Sanjay Kumar Saha, Department of CSE, Jadavpur University  
Experimenting with voxel flow methods for frame interpolation in video

### DEPARTMENTAL LIBRARY APP

August 2018 - June 2019, Development Completed  
Under Dr. Nandini Mukhopadhyay, Department of CSE, Jadavpur  
University  
Developed a mobile application for students to issue books from the  
departmental library.

## OTHER WORKS

- Developing the official website for Piradius Coaching Center (In Progress)  
[www.piradius.in](http://www.piradius.in)
- Minor contributions to open-source projects like Embox and Kiwix-android
- JU Code Club active teaching member
- JU Srijan'20 MEMEntos Event Organizer

## LANGUAGES

### MASTERY IN:

- C
- C++
- Java
- Python

### FAMILIAR WITH:

- MySQL
- JSX
- Bash
- HTML, CSS, Javascript
- $\LaTeX$

## SKILLS

- Web Developed Basics
- Frontend development using React
- Qt GUI programming (c++)
- RESTful web services using JAX-RS (Java)
- AWS (including DynamoDB, EC2, etc.)
- Git
- GIMP

## ACHIEVEMENTS

- **HULT PRIZE REGIONAL SUMMIT**  
2019, Kuala Lumpur, Malaysia  
One of top 6 finalists
- **FIRST PRIZE IN INTER-SCHOOL DRAWING COMPETITION**  
2015, Dubrajpur
- **HUMAN PYRAMIDS ARCHITECT**  
2015, D.A.V Public School, Dubrajpur
- **HEAD STUDENT**  
2015, D.A.V Public School, Dubrajpur

## EXTRA CURRICULAR

- Painting
- Football
- Playing Guitar
- Linux ricing
- Working out