

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
 Created an Interview management system using AWS services

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
- 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 Development 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