

Sourav Mondal

Final Year Student

I aspire for a challenging position in a professional organization where I can enhance my professional skills and boost up my confidence.

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📍 Saheb Bagan Bandel Hooghly, PIN-712123, West Bengal, India

EDUCATION

B.Tech | Computer Science and Technology

IIST Shibpur, West Bengal, India

2016 – 2020

CGPA: 7.85

Courses

- Data Structures & Algorithms
- Object Oriented Programming
- Operating System
- Computer Networking
- Database System

WBCHSE

Hooghly Collegiate School

2016

Percentage

- 96% | 13th in West Bengal

EXPERIENCES

Summer Internship

Tata Research and Innovation Pune

05/2019 – 07/2019

Achievements/Tasks

- Technologies: JAX-RS, OrientDB
- Implemented REST API to export and import between Relational database PostgreSQL and graph database OrientDB.
- Implemented a data structure for the graph database schema to enhance the performance.

Summer Training

Webtek Labs Kolkata

05/2018 – 07/2018

Achievements/Tasks

- Technologies: HTML, CSS, Bootstrap, JavaScript, PHP, MySQL
- Build a website for travel agency using Bootstrap, CSS and JavaScript for frontend and PHP, MySQL for backend.

SKILLS

C

C++

JAVA

Python

Full Stack Development

JAX RS

Competitive Programming

SQL

OrientDb

PROJECTS

Nirmann | College Feedback System

- Technologies : PHP, MySQL

Implementation of Image processing techniques

- Technologies: C++
- Implemented histogram equalisation for Contrast Enhancement.
- Implemented median filtering to enhance image.
- Implemented Gaussian Blurring to blur an image.
- Implemented mean filtering to remove salt and pepper noise.

Enhancement of Degraded documents

- Technologies: C++
- Implemented local thresholding techniques i.e. Niblack and Sauvola method.
- Implemented global thresholding technique i.e. Otsu's algorithm.

ACHIEVEMENTS

Qualified for Google Code Jam round (2019)

Qualified for Facebook Hakercup round 1 (2019)

589th out of 10k in Facebook Hakercup round 2 (2018)

625th out of 10k+ teams in codechef SnackDown Online Round 1A (2018) (2018)

1st in Codechef October long Challenge Division 2 (2018)

15th in Codechef September Mega CookOff 2018

EXTRA CURRICULAR

Problem Setter in College tech- fest and other coding competitions