

Subhdeep Saha

SECOND YEAR UNDERGRADUATE · COMPUTER SCIENCE AND ENGINEERING

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Education

Indian Institute of Technology

B.TECH IN COMPUTER SCIENCE AND ENGINEERING

- Cumulative Grade Point/ CGPA: 6.7/10

Kanpur, India

July 2015-Present

Sudhir Memorial Institute

ALL INDIA SENIOR SCHOOL CERTIFICATE EXAMINATION (CBSE)

- Overall Percentage: 88.4%

Kolkata, India

May 2015

D.A.V Model School

ALL INDIA SECONDARY SCHOOL EXAMINATION

- Cumulative Grade Point Average: 10.0/10.0

Kharagpur, India

May 2013

Skills

Programming	Proficient: Javascript, C, Typescript, Shell, CSS Familiar: Python, SASS
Web Development	Node.JS with Express, Full MEAN Stack, AngularJS 2
Operating Systems	Arch Linux, Microsoft Windows
Utilities	Git, Vim, MongoDB, \LaTeX

Work Experience

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FRONTEND DEVELOPER

- Client Technologies Developer in a startup organization
- Built a web application from scratch using Angular 2 as the framework. Worked with a REST-api along with Typescript to develop the app. The MVC Design Pattern was followed to create scalable code. The application was created up to industry standards, and is being deployed in a few major Fortune 500 companies (further details are under NDA).

Chennai, India

Winter 2016

Projects

Reversi Game In Python

ACA SEMESTER PROJECT

- Developed a Python Application using Pygame for 2 players, as well as single player Reversi gameplay in a team of 2.
- Uses the negamax algorithm with an efficient heuristic check for better performance against humans.
- Mid Semester project under the Association of Computing Activities (ACA).
- github.com/yashsriv/Reversi-Python

IIT Kanpur

2nd Semester

Smart Mirror

PROGRAMMING CLUB SUMMER PROJECT

- Developed on an IoT device which syncs with the user's phone through face recognition, and displays notifications on a screen
- Notifications are mirrored using PushBullet
- Received the Best Applicative Project during the Science & Technology Summer Camp.
- github.com/11000011/Smart-Mirror

IIT Kanpur

Summer 2016

Extracurricular Activity

Senior Web Executive

TECHKRITI 2017, IIT KANPUR'S NATIONAL TECHNICAL FEST

- Helped to develop the beta website of the fest.
- Developed a Google Chrome extension for the fest which keeps upto-date with the events of the fest.

IIT Kanpur

Dec. 2016 - PRESENT

Coursework

Data Structures and Algorithm(i)	Probability and Statistics(i)
Introduction to Programming	Discrete Mathematics

i: In progress