

PRATIK TIBREWAL

SOPHOMORE · LEARNING ENTHUSIAST

B-410, PATEL Hall Of Residence, IIT Kharagpur, Pincode-721302

☎ (+91) 9007529750 | ✉ tibrewalpratik17@iitkgp.ac.in | 🏠 <https://tibrewalpratik17.github.io> |

📄 <https://github.com/tibrewalpratik17> | 💼 <https://www.linkedin.com/in/pratik-tibrewal-19bb54150/>

“Be stubborn about your goals but flexible about your methods.”

About Me

I am a Second Year Undergraduate Student in the Department of Electronics and Electrical Communications Engineering. My hobbies include playing snooker and listening music. I also like to participate in dramatics, debates and elocutions. Hard-working with leadership qualities. Motivated and passionate about learning new things.

Education

INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR

BACHELOR OF TECHNOLOGY IN ELECTRONICS AND ELECTRICAL COMMUNICATIONS ENGINEERING

- Current CGPA-9.31/10.0

West Bengal, India

May 2016-Present

DON BOSCO SCHOOL

SENIOR SECONDARY EDUCATION

- Secured 1st Position in school with ISC Board Aggregate-97.50%

West Bengal, India

2014-2016

M.C.KEJRIWAL VIDYAPEETH

SECONDARY EDUCATION

- ICSE Board Aggregate-96.60%

West Bengal, India

2004-2014

Field of Interests

- Algorithms, Artificial Intelligence, Data Analytics and applying Machine Learning in other fields like IoT.

Experience

Kharagpur RoboSoccer Students' Group

ARTIFICIAL INTELLIGENCE HUMANOID TEAM MEMBER

Feb, 2017 - PRESENT

- Working on Multi Agent Autonomous Coordinated Soccer Playing Humanoid Bots using Artificial Intelligence.
- Improved the Role Assignment by implementing a heuristic function for specific role weights in Hungarian Algorithm.
- Also worked on Delaunay Triangulation, obstacle avoidance, higher level strategy design.
- Currently working on Deep Reinforcement Learning.

Kharagpur Open Source Society

CORE TEAM MEMBER

Jan 2017 - Present

- Organized workshops promoting open source- Git workshop, Python classes, Ubuntu Install Fest.
- Mentor in Kharagpur Winter Of Code 2017.

Skills

- C, C++, Java, Python, Octave, Linux, OpenCV, Git

Honors & Awards

1st Place in MUSE HACKATHON

THEME-DATA ANALYTICS

Bangalore, India

Oct. 2017

- Created an Inventory management for in and out stock analysis of general stores.
- Also worked on better techniques of data capturing, data cleaning and data analysis.
- <https://www.hackerearth.com/sprints/muse-bring-future-to-talk-to-legacy/>

Campus Runner-Up in TechSpark 2017

THEME-CASE STUDY

Kharagpur, India

Nov. 2017

- Techspark is an Inter-IIT Technical Case Study Competition between the top six IITs. My team proposed a solution for automation in a factory to reduce manual labor & fatigue and also to track goods carrying vehicle in real time and track human movement in the factory premises.