

# PARTH PARADKAR

Pt. Madan Mohan Malaviya Hall of Residence, Kharagpur, West Bengal, India

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**Github | LinkedIn | Twitter**

## EDUCATION

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**Indian Institute of Technology, Kharagpur**

*July 2018 - Present*

Bachelor of Technology, Electrical Engineering (CGPA: 8.43)

## EXPERIENCE

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**Data Engineering Intern — Terra Economics and Analytics Lab**

*June 2020 - August 2020*

- Built data pipelines to track and extract publicly available land and property data using Python scripts, PostgreSQL and RabbitMQ
- Developed a data monitoring web application to enable the team to view metadata of datasets.

**Research Intern — Indian School of Business, Hyderabad**

*December 2019 - January 2020*

- Worked with research assistants and professors at the Srinu Raju Center for IT and Networked Economy to collect and analyse web data.
- Employed text mining and natural language processing algorithms to extract insights from documents.
- Used Google Earth Engine to collect, visualize and analyse geospatial data.

## PROJECTS

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### **Listen to this KGP!**

- Developing a web application along with 5 developers that acts as a client and music player to the music sharing Facebook group Listen to This KGP!.
- Built and published a Python package with 2 other contributors to extract metadata of songs from Spotify APIs using YouTube URLs.

### **Chillzone**

- Contributed to the frontend of the 'Chillzone' app used by IIT Kharagpur students to find empty classrooms during lecture hours.
- Added a feature to filter rooms by academic complex and floor.

## TECHNICAL SKILLS

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**Programming Languages**

Python, Javascript, C++, C, HTML/CSS

**Technologies and Frameworks**

Git, Flask, SQLAlchemy, ReactJS, PostgreSQL, MongoDB, SQLite

**Operating Systems**

Linux, Windows

## EXTRA CURRICULARS

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- Organized workshops and events about open source technologies as an Executive Member of Kharagpur Open Source Society.
- Involved in reading, discussing literature and writing prose and poetry as a member of Technology Literary Society.