

Nilay Pathak

Student, Indian Institute of Technology ,
Kharagpur

Machine learning Enthusiast , Open IIT Data Analytics Team
member

nilaypathak@iitkgp.ac.in ✉

+91 9564439821 📞

Kharagpur, INDIA 📍

WORK EXPERIENCE

Sub Head,Tech Team Spring Fest, IIT Kharagpur

07/2017 – Present

Role

- Built the nation wide Prelims Website of Spring Fest,IIT Kharagpur.
- Building the Mobile Website of Spring Fest,IIT Kharagpur.

Assistant Technology Co-ordinator Technology Students Gymkhana

07/2017 – Present

Responsibility

- To build and maintain the various web interfaces of the institute.

Open IIT Data Analytics Team Member LBS hall, IIT Kharagpur

07/2017 – Present

Tasks

- Currently training for upcoming open IIT Data Analytics competition.

Content Management Internship Embibe India

09/2016 – 11/2016

Achievements/Tasks

- Succesfully meta tagged 300+ problems of the embibe JEE Preparation Programme.

EDUCATION

Mechanical Engineering , Bachelor of Technology Indian Institute of Technology , Kharagpur

2016 – Present

Kharagpur , West Bengal

GPA

- 9.02

High School Hem Sheela Model School, Durgapur

2014 – 2016

Durgapur , West Bengal

overview

- Science and Mathematics.
- 93.4%

Middle School St' Peters School, Durgapur

2002 – 2014

Durgapur , West Bengal

overview

- Science , Mathematics and Humanities.
- 95%

SKILLS

Machine Learning

Web Development

Python

Matlab

Javascript

Mechanical Engineering

C

C++

Java

Android App Development

Data Analytics

R

PERSONAL PROJECTS

Implementing Linear Regression and Logistic Regression to find decision boundaries.

- using gradient descent and normal equation.

Using Neural Networks to create complex decision boundaries.

- one-vs-all logistic regression and neural networks to recognize hand-written digits.

LANGUAGES

English



Hindi



INTERESTS

I have interst in studying and implementing deep learning and other advanced machine learning algorithms.

Application of machine learning to Mechanical Engineering practical scenarios.

To contribute to cutting edge research in the field of Machine learning .

I have interest in pursuing a minor in Computer Science.