
Chirantan Ganguly

chirantanganguly01@gmail.com
+91 9330192247
41/4, Brindaban Mullick Lane,
Kadamtala, Howrah - 71101,
West Bengal

Social Profiles

- LinkedIn : <https://www.linkedin.com/in/chirantan-ganguly/>
- GitHub : <https://github.com/ChirantanGanguly>

Summary

Dedicated and sincere student currently pursuing Bachelors degree in **Electronics and Communication Engineering**, from Institute of Radioyphysics and Electronics (University of Calcutta). Having special interest in the domain of **Nanoelectronics**, and **Embedded Systems**. I have a decent academic record and am looking forward to doing research projects in guidance of esteemed professors and experts of the industry to enhance my pecial knowledge in the said domains.

Education

BTech. in Electronics and Communication Engineering

University of Calcutta

07/2023

Currently in second year (third semester) of BTech in Electronics and Communication Engineering from **Institute of Radiophysics and Electronics** (University of Calcutta).

Academic Record (results declared so far):

- SGPA (Semester 1): 9.64/10

Courses completed: *Physics* (PH102, PH201, PH107, PH206); *Chemistry* (CH103, CH108); *Engineering Mathematics* (MA104, MA202); *Basic Electrical Engineering* (EE105, EE109); *Basic Electronics* (BE205, BE210); *Basic Computer Science Engineering* (CS204, CS209); *Engineering Mechanics* (ME203, ME207, ME208); *English* (HU101, HU106)

Courses currently undertaking: *Electromagnetic Fields and Waves* (EC2.1.1); *Circuit and Network Theory* (EC2.1.2); *Signals and Systems* (EC2.1.3); *Materials and Physical Electronics* (ECHN 2.1.5); *Artificial Intelligence & Machine Learning* (ECOE2.1.4.3).

High School (ICSE & ISC)

St. Thomas' Church School Howrah, West Bengal

05/2019

Indian Certificate of Secondary Education (**ICSE**)

Grades: 95.6%

Indian School Certificate (**ISC**)

Grades: 92.25%

Courses

Data Science: Foundations Using R Specialisation

– *Coursera* (John Hopkins Bloomberg School of Public Health)

Data Visualisation with R

– *IBM*

Machine Learning with Python

– *Google & IBM*

Skills

- Python
 - C Progrmming Language
 - Data Analysis
 - R Prgramming Language
 - Java
-

Languages

- English (Full Professional Proficiency)
 - Hindi (Full Professional Proficiency)
 - Bengali (Native or Bilingual Proficiency)
-

Projects

- Exploring BRFSS data:

This is my very first data analysis project.

The Behavioral Risk Factor Surveillance System (BRFSS) objective is to collect uniform, state-specific data on preventive health practices and risk behaviors that are linked to chronic diseases, injuries, and preventable infectious diseases that affect the adult population. Factors assessed by the BRFSS in 2013 include tobacco use, HIV/AIDS knowledge and prevention, exercise, immunization, health status, healthy days — health-related quality of life, health care access, inadequate sleep, hypertension awareness, cholesterol awareness, chronic health conditions, alcohol consumption, fruits and vegetables consumption, arthritis burden, and seatbelt use.

I have used this data to answer 3 research questions using visualizations.

Link to Project:

https://drive.google.com/file/d/1-VyFh7AoUonXxGgr_IGSif0oXzq5cZNm/view

Additional links:

https://github.com/ChirantanGanguly/Data_Science/blob/master/Introduction%20to%20Probability%20and%20Data/Exploring%20the%20BRFSS%20data.Rmd

https://github.com/ChirantanGanguly/Data_Science/blob/master/Introduction%20to%20Probability%20and%20Data/Exploring-the-BRFSS-data.html

Data:

<https://www.cdc.gov/brfss/index.html>

Volunteer Experience

- **Technical Team Lead, Hult Prize** (*University of Calcutta Campus Chapter*)
 - Built Campus Chapter Website, and helped organise Campus Round of Hult Prize @ University of Calcutta in Online Mode during the Covid19 Pandemic.