Dhanya Bahadur			**17B030027**	
Chemistry			**UG Third Year (B.Tech.)**	
Indian Institute of Technology Bombay			**Male**	
Specialization: Chemistry			**DOB: 26/01/2000**	

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2020	6.80

Scholastic Achievements

- Recipient of the prestigious **National Talent Search Examination (NTSE)** Scholarship **[2013]**
- Pursuing minor degree in **Electrical Engineering** from our institute **[2018]**

Internship

Web Developer | Front End Web Developer | BETR Consulting [Dec'18]
Team Responsible for developing front end of our company's website

- Successfully Developed **Front End** of the **Company's website** using **Angular Framework(Angular 6)**
- Temporarily **Integrated** the **Front End** and **Back End** of the website using **Heroku**
- Interacted with students to understand and develop the website for **Online Coaching** effectively
- Improvised **Business Development Plan** by studying Business Development Strategies of other companies

Technical Projects

Self Driving Cars | Research Project [May'19-Present]
Guiding Professor: Arpita Sinha, Department of System and Controls, IIT Bombay

- Used **Torcs** simulator and **Snakeoil Controller** to train and improvise the **Deep Learning** Models
- Used **Reinforcement Learning**, read various research papers and implemented it on model

Rakshak | System and Controls Engineer [Dec'17-Present]
Guiding Professor- Krishnendu Haldar

- Worked on flight controller **Pixhawk** connected with transmitter,GPS and other components
- Configured with **Mission Planner** or **QGround Control** , a full featured ground station application

Positions of Responsibility

Institute Sports Convener | Rubik's Cube Club | Sports Council, IIT Bombay [Apr'18-Apr'19]
A Team working on Developing and Promoting the Environment of Rubik's Cube

- Organised **IIT Bombay HALF MARATHON** in collaboration with **HA Council** and **FITIZEN**
- This event witnessed a Footfall of **over 4000** people

Abhaysarika Volunteer | Non Government Organisation [Apr'18-Present]
An NGO responsible for preparing Poor students for Competitive Examinations, IIT Bombay

- **ABHAYSARIKA** is a **Non-Profitable Organisation** constituting Volunteers as students of IIT Bombay
- We help Economically Weaker students and **guide** them in **Competitive Exams and Board Exams**

Core Courses	**Calculus**, **Data Analysis for Chemists**, Thermodynamics, Linear Algebra, Quantum Physics and Applications, Electricity and Magnetism, **Differential Equations** , Analog Circuits, **Probability and Random Processes**
Computer Science	**Machine Learning** ,(**Introduction to TensorFlow for Artificial Intelligence**, **Machine Learning**, and **Deep Learning**), Data Structures and Algorithms , **Machine Learning for Data Analysis**