

# CHETAN MAHESHWARI

Education is the key to unlock the **golden** door of freedom.

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Visit my website  
[https://radientbrain.github.io/brain\\_intro/](https://radientbrain.github.io/brain_intro/)

## LINKS

Github : <https://github.com/RadientBrain>  
LinkedIn:<https://www.linkedin.com/in/chetan-maheshwari-125aa4184>  
TechGig : <https://www.techgig.com/chetanmaheshwari5>  
HackerRank: <https://www.hackerrank.com/ChetanMaheshwri>

## EDUCATION

### IIIT Kalyani, West Bengal — *B.Tech CSE*

JULY 2017 - JUNE 2021 EXPECTED

Currently pursuing B.Tech in **Computer Science and Engineering (CSE)** from Indian Institute of Information Technology Kalyani.

### Vidya Bharti Public School Todinagar, Sikar, Rajasthan— *Higher Secondary*

YEAR OF COMPLETION: 2016

Completed my Higher Secondary education and appeared for the AISSE exam conducted by the CBSE.

### Vidya Bharti Public School Todinagar, Sikar, Rajasthan— *Secondary*

YEAR OF COMPLETION: 2014

Completed my Secondary education and appeared for the AISSE exam conducted by the CBSE.

## PROJECTS

### Traffic Management System using Java Swing — *May 2019 - May 2019*

<https://drive.google.com/open?id=1EbCmPiTwWIGATlokbULHsanf2UzMW-h>

This traffic management system gives the shortest route from one destination to other using Dijkstra's Algorithm

### Object Detection using YOLOv3 — *August 2019 - December 2019*

This Project uses object detection using YOLO algorithm to detect objects. This is basically for the blind persons to help them navigate on their own

### Aiding Blind Person using Computer Vision techniques (VISION HELPER) — *Jan 2020 - June 2020*

This project is the extension of the previous project done for detecting objects using YOLOv3. This project detects damaged roads and generates captions for the images

## LANGUAGES

English, Hindi & Bengali

## SKILLS

- Programming**
  - C Programming (Intermediate)
  - Python (Intermediate)
  - Java (Intermediate)
  - C++ Programming (Intermediate)
- Development**
  - AI and ML**
    - Tensorflow (Beginner)
    - Custom ML Models (Beginner)
  - Android**
    - JAVA (Intermediate)
  - Website**
    - HTML (Intermediate)
    - CSS (Intermediate)
    - Django (Beginner)
- UI/UX**
  - Adobe XD (Intermediate)
- Extra**
  - LaTeX (Intermediate)
  - MS-Word (Intermediate)
  - MS-Excel (Intermediate)
  - MS-PowerPoint (Intermediate)
  - Video Editing (Intermediate)
  - Adobe Photoshop (Beginner)
  - Photography (Beginner)
  - Video Making (Beginner)
  - 3ds Max (Beginner)

## COURSEWORK

Artificial Intelligence  
Data Communication  
Computational Number Theory  
Graphics  
Compiler Design  
IT Workshop-II (SciLab)  
Signals and Systems  
Data Communication  
OOPs in JAVA  
Operating Systems  
Numerical Methods  
IT Workshop-I (Python)  
Formal Language and Automata Theory  
Algorithm-I  
Differential Calculus and Transform Calculus  
Psychology  
Environmental Science & Practices  
Discrete Mathematics  
Probability and Statistics  
Digital Electronics  
Data Structure & Algorithms  
Humanities (Economics)  
Analog Electronics  
Physics  
Mathematics-I  
Programming in C/C++  
Computer Organisation & Architecture  
English for Communication

NPTEL CERTIFICATIONS

Duration	Course Name	Organising Institute	Percentage Scored	Medal Obtained
July-October 2019 (12 weeks)	Ethical Hacking	IIT Kharagpur	65%	Elite
January-April 2019 (12 weeks)	Programming in Java	IIT Kharagpur	82%	Elite + Silver
July-October 2018 (12 weeks)	Computer Architecture	IIT Madras	58%	Elite
July-October 2018 (12 weeks)	The Joy of Computing using Python	IIT Madras	85%	Elite
January-April 2018 (12 weeks)	Problem Solving Through Programming in C	IIT Kharagpur	76%	Elite

ACHIEVEMENTS

- NPTEL has recognised me as “ NPTEL DISCIPLINE STAR” in December 2019
- Secured 2<sup>nd</sup> Rank in Codacharya 2020 (Annual Coding Competition of IIIT Kalyani)
- Founding Secretary of Swimming Club, IIIT Kalyani