

# Chetan Maheshwari



**Education** is the key to unlock the **golden** door of **Freedom**

[radiantbrain.github.io/brain\\_intro](https://radiantbrain.github.io/brain_intro) | **India**  
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## EDUCATION

### Indian Institute of Information Technology Kalyani

**BTech in Computer Science and Engineering**

Expected June 2021 | Kolkata, India

Cum. GPA: 8.42 / 10.0

### Vidya Bharti Public School, Todinagar, Sikar

**High School and Matriculation**  
**CBSE** | 2016 (88%), 2014 (9.8 CGPA) | Rajasthan, India

## LINKS

Github:// [Chetan-M](#)

LinkedIn:// [Chetan-M](#)

Techgig:// [Chetan-M](#)

HackerRank:// [Chetan-M](#)

AngelList:// [Chetan-M](#)

## SKILLS

### Programming

Python • C • C++ • Java • OpenCV

• Latex • Assembly

### Development

AI/ML models • Android • Website

• UI/UX design

### Familiar

Ethical Hacking • Bash/Shell •

Video Editing • Photo Editing

## LANGUAGES

English • Hindi • Bengali

## WORK EXPERIENCE

### IIT Kharagpur | Intern

May 2020 - July 2020 | India

**Python, Tkinter, Pyttsx3, PIL**

- Created a GUI Application for Animated Story Generation for people with Cerebral Palsy

## PROJECTS

### Aiding Blind Person using Computer Vision Techniques (VISION HELPER)

Jan 2020 - Jun 2020

**Python, Computer Vision, Deep Learning, Google Colab, Tensorflow**

- 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

### Object Detection using YOLOv3

Aug 2019 - Dec 2019

**Python, Computer Vision, Tensorflow, Deep Learning, OpenCV, YOLOv3**

- This Project uses Object Detection using YOLOv3 algorithm to detect objects
- This is for the Blind Persons to help them navigate on their own

### Traffic Management System | [Link](#)

May 2019

**Java Swing, Java Applets**

- This Traffic Management System gives the shortest route from one destination to other using Dijkstra's Algorithm

## APPS

### To Do Tasks : Hassle Free Task Saver | [Link](#)

**Java, Android, Firebase, Real Time Database**

- This is a Task Management app to help you stay organized and manage your day-to-day. You can use To Do Tasks app to make any type of task list
- This App leverages the Firebase Real Time Database technology to sync your tasks on different devices where you have logged in

### Image Capture | [Link](#)

**Java, Android**

- This App captures Images and can save it in the gallery and counts on how many Images the user captured
- You can discard the image in real time if it was not good

## WEBSITES

### Cake Make | [Link](#)

**Bootstrap, PHP, HTML5, CSS, JavaScript**

- This website is a Cake Ordering website which can take order form customers from the range of cakes available on it
- It generates an email of the Tax Invoice and billing

### StudentTalk | [Link](#)

**Bootstrap, PHP, HTML5, CSS, JavaScript**

- This website is a Conference Scheduling website which can show countdown of the next conference and other scheduled talks
- This website gives all the info about venue, speakers, etc. for the ongoing talk-events

## CERTIFICATIONS

### NPTEL and Coursera

Duration	Medal	Course Name	Organizing Institute
Sept 2020	94%Grade	AI for Medical Diagnosis	Deeplearning.ai (Coursera)
Sept 2020	100%Grade	Neural Networks and Deep Learning	Deeplearning.ai (Coursera)
June 2020	100% Grade	Neural Network from Scratch in Tensorflow	Coursera
May 2020	100% Grade	Machine Learning for Business Professionals	Google Cloud (Coursera)
July-Oct 2019	Elite	Ethical Hacking	IIT Kharagpur
Jan-April 2019	Elite + Silver	Programming in Java	IIT Kharagpur
July-Oct 2018	Elite	Computer Architecture	IIT Madras
July-Oct 2018	Elite	The Joy of Computing using Python	IIT Madras
Jan-April 2018	Elite	Problem Solving Through Programming in C	IIT Kharagpur

## ACHIEVEMENTS

- **JPMorgan Chase & Co.** Virtual Experience Program Participant (2020)- (July 2020 to September 2020)  
Participated in the open access **JPMorgan Chase & Co.** Virtual Experience Program with Forage.  
**Tasks Completed Include:**
  1. *Interface with a stock price data feed.*
  2. *Use JPMorgan Chase frameworks and tools.*
  3. *Display data visually for traders*
  4. *Bonus task: Open source contribution.*
- Secured 2<sup>nd</sup> Rank in **Codacharya 2020** (Annual Coding Competition of IIIT Kalyani)
- NPTEL has recognized me as **NPTEL DISCIPLINE STAR** in December 2019
- **Founding Secretary** of Swimming Club, IIIT Kalyani

## COURSEWORK

### Undergraduate

#### CS

Machine Learning  
Artificial Intelligence  
Computer Vision and Image Processing  
IOT  
Design and Analysis of Algorithms  
Data Structures  
OOPs (Python, Java)  
Programming with C, C++  
DBMS (SQL/NoSQL)  
Operating Systems  
Compiler Design  
Computer Networks  
Computational Number Theory  
Computer Graphics and Multimedia  
Computer Organization and Architecture  
Formal Language and Automata Theory

#### Mathematics

Numerical Methods  
Discrete Mathematics and Calculus  
Probability and Statistics

#### EC

Microprocessor and Microcontroller Systems  
Data Communication  
Signals and Systems  
Digital and Analog Electronics

#### Others

Physics  
Psychology  
Economics  
Environmental Sciences and Practices  
English for Communication