

Chetan Maheshwari



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

radiantbrain.github.io/brain_intro | **India**
 maheshwarichetan00@gmail.com | (+91)9057211152

EDUCATION

Indian Institute of Information Technology Kalyani

BTech in Computer Science and Engineering

Expected June 2021 | Kolkata, India

Cum. GPA: 8.60 / 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](#)

GCP Profile:// [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

- **GCP 30 days challenge:** Completed Google Cloud Platform 30 days challenges and learned various insights in October 2020
- **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 2nd 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

Computational Complexity
Speech and Natural Language Processing
Data Analytics and Optimization Techniques
Cyber Physical Systems
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