Chetan Maheshwari

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

radientbrain.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: 8.21 ∕ 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
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

- NPTEL has recognized me as NPTEL DISCIPLINE STAR in December 2019
- Secured 2nd Rank in Codacharya 2020 (Annual Coding Competition of IIIT Kalyani)
- Founding Secretary of Swimming Club, IIT 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