

ANSHU KUMARI

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EDUCATION

IIIT KALYANI

B.TECH IN COMPUTER SCIENCE AND
ENGINEERING

Jul 2017 - May 2021

Cum. GPA: 7.88

LINKS

Portfolio:// anshuabk.github.io

GitHub:// [anshuabk](https://github.com/anshuabk)

LinkedIn:// [anshuabk](https://www.linkedin.com/in/anshuabk)

LeetCode:// [anshuabk](https://leetcode.com/anshuabk)

CodeChef:// [anshukcse](https://www.codechef.com/anshukcse)

Codeforces:// [anshukcse](https://www.codeforces.com/anshukcse)

SKILLS

PROGRAMMING

- C/C++, Python
- Shell script, Latex

WEB TECHNOLOGIES

- HTML, CSS, JavaScript
- **Frontend:** jQuery, ReactJs
- **Backend:** Nodejs, Express
- **Database:** MySQL, MongoDB

DEEP LEARNING

- **Language:** Python,
- **Library:** OpenCV, Numpy
- **Framework:** TensorFlow, Keras

TOOLS

- Visual Studio
- Git, Linux
- Anaconda

ACHIEVEMENTS

HACKATHON

- A member of Winning team of **SMART INDIA HACKATHON 2020**.
- 2nd prize winner out of 25 teams in **Codacharya'20**.
- Selected for **GirlScript Summer of Code 2020** for Open Source Contribution.

EXPERIENCE

UNITE DEALS | Software Developer Intern

Feb 2021 - May 2021

PYTHON, OPENCV, KERAS, NUMBA, FLASK

- Worked on an algorithm to remove flickering effect from high-speed videos.
- Optimized python scripts using Numba to speed up many algorithms.
- Deployed a machine learning model using Flask.

EXPOSYS DATA LABS | Data Science Intern

August 2020 - September 2020

PYTHON, NUMPY, PANDAS, JUPYTER, MATPLOTLIB, SEABORN

- Implemented Customer Segmentation using K-means clustering Algorithm.
- By applying clustering, 5 segments of cluster have been formed labelled as Sensible, Good, Target, Cautious, and Careless customers.

INTERNSHIP STUDIO | Machine Learning Intern

July 2020 - August 2020

PYTHON, NUMPY, PANDAS, JUPYTER, MATPLOTLIB, SEABORN

- Implemented a model that can help a marketing campaign for banking products to identify the potential customers who have a higher probability of purchasing the loan.
- This model can increase the success ratio while at the same time reduce the cost of the campaign.

PROJECTS

HUMAN ABNORMAL BEHAVIOUR DETECTION

Computer Vision | Deep Learning

July 2019 - May 2021

PYTHON, OPENCV, TENSORFLOW, KERAS

Mentor: Dr. Oishila Bandyopadhyay, Dept. Of CSE, IIIT Kalyani

- Implemented a deep learning model to classify human activities by tracking multiple humans in real-time scenarios or through videos.
- Estimated individual pose using OpenPose algorithm.
- Multi-Person Tracking using DeepSort algorithm.

OBJECTION DETECTION USING YOLOV3 (Github Link)

Computer Vision | Deep Learning

April 2020 - May 2020

PYTHON, OPENCV, PYTORCH

- Implemented Darknet, an open source neural network framework to train the detector.
- The YOLO object detector can be used to identify specific objects to images and video streams.