ANSHU KUMARI

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EDUCATION

IIIT KALYANI
B.Tech in Computer Science and Engineering
Jul 2017 - May 2021
Cum. GPA: 8.01

LINKS

Portfolio:// **anshukumari.tech**
GitHub:// **anshuabk**
LinkedIn:// **anshuabk**
LeetCode:// **anshuabk**
CodeChef:// **anshukcse**
Codeforces:// **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**, Harware Edition.
- 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
- 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.
- **Mentor:** Dr. Oishila Bandyopadhyay, Dept. Of CSE, IIIT Kalyani