

ANSHIKA PANDEY

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Education

Harcourt Butler Technical University

Master of Computer Application

- Cumulative GPA: 7.74/10.0

December 2020 – July 2022

Kanpur, Uttar Pradesh, India

Dr. Bhim Rao Ambedkar University

Bachelor of Science

- Cumulative Percentage : 63.64/100

July 2015 – May 2018

Agra, Uttar Pradesh, India

M.D. Inter College

Intermediate(Class XII)

- Cumulative Percentage : 92.40/100

May 2014 – Jun 2015

Kannauj , Uttar Pradesh, India

Technical Skills

Languages: Java, Python, JavaScript, C++, HTML/CSS, SQL

Databases: MongoDB, MySQL

Machine Learning/Deep Learning Libraries: TensorFlow, PyTorch, Scikit-learn, NLP, CNN, ANN, Sequence Models

Web Technologies: ReactJS, NodeJS, Spring Boot

Design Tools: Figma, Adobe XD, After Effects, Adobe Premiere Pro

Backend Services: AWS, Firebase

Technologies/Frameworks: Docker, Kubernetes, Git and GitHub Actions

Good In: Statistics, Microsoft Excel , Data Structure and algorithm, Object Oriented Programing , Good Problem Solving and Analytical Skill.

Experience

Google

July 2022 – December 2022

Machine Learning Bootcamp India (Apprenticeship)

- Supervised by Google Community Manager of Hailey Desai and Soonson Kwon.
- Build and train neural networks using TensorFlow and improve network performance using convolution as you train it to identify real-world images.
- Complete training Bootcamp in Deep Learning, Machine Learning and hands-on projects.

Spark Foundaton

September 2021 – November 2021

Data Science Intern

- Content-Based-Movie-Recommender-System-with-sentiment-analysis. Personalised Film and Television Recommendation System.
- The predictive analysis using Machine Learning. Content Based Recommender System recommends movies similar to the movie user likes and analyses the sentiments on the reviews given by the user for that movie
- I did web scraping to get the reviews given by the user in the IMDB site using beautifulsoup4 and performed sentiment analysis on those reviews.

Projects

Advance Face Recognition Student Attendance System / Python, OpenCV, Yagmail, Pillow, Numpy, Pandas, CSV

- Objective: Seek to provide a valuable attendance service for both teachers and students
- Used algorithm Haarcascade OpenCV (Object Detection) and LBPH OpenCV (Face Recognition). The System used to calculate attendance automatically by recognizing the facial dimensions.

Explainable CNNs / Python, PyTorch, PyTorch Lightning, OpenCV, CUDA, Pip Packaging

- Objective : To generate layer-wise visual explanations for any PyTorch based CNN classification model.
- Created python pip package to generate different types of layer-wise and class-wise visual explanations based on Grad CAM, Guided Grad CAM and Saliency maps.

Neuro – Symbolic Sudoku Solver / Python, PyTorch, Jacinle, Reinforce, Pandas, Numpy, Docker

- Objective : To solve sudoku using Deep Reinforcement learning in combination with powerful symbolic representations.
- Implemented Reinforcement environment and built codebase to train and infer the solutions of sudoku grid using Google's Neural Logic Machines architecture. It solves any sudoku problem with 100% success rate.

Brainy Alexa / Python, API, NLP, AWS

- Objective : Build your own Artificial Assistant alexa with extra features. It is virtual assistant technology based.
- Created wake word detection. There are a number of ways messages can be sent from alexa application. It allows the user to hear updates on supported sport teams, daily news.

Achievements

Zuno Fellowships

- Silver Winner issued by Monster 2022.

Participate at GSSOC'22

- Contribute to several Open Source Projects.

National Scholarship Portal

- Issued by Ministry of Electronics & Information Technology, Government of India.

Gold Medal

- Issued by Maths Excellence Award in disit.

Award Of Excellence

- I have been conferred with “Award of Excellence” for 1st rank by Amar Ujala Organization.