Ankan Ghosh

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EDUCATION

IIT ROORKEE
Spec. in AI & Deep Learning
Sep-Feb 2021 | Uttarakhand, IND

MAKAUT IN-HOUSE
BS in Information Technology(AI)
2020-2023 | Kolkata, IND
School of Info Sc & Tech
CGPA: 9.24 / 10

BOLPUR NNB HIGH SCHOOL
Grad. May 2019| Kolkata, India
HSE: 82% | SE: 88%

LINKS

Facebook:// 0xSynapse
Github:// 0xSynapse
Medium:// 0xSynapse
Kaggle:// 0xSynapse
Twitter:// @0xSynapse
Stackoverflow:// 0xSynapse

COURSEWORK

PERSONAL PROJECTS
Art Generation using GANs
Attendance Management System
Disney+ Clone
Mouth-Recognition using OpenCV
Web-Music Player

UNDERGRADUATE
Data Structures & Algorithms
Operating Systems | Computer Networks
Artificial Intelligence + Practicum
Machine Learning | Data Visualisation
Cloud Computing | Soft Computing
Robotics | Big Data Analytics
Deep Learning | Image Processing
DBMS | Software Engineering

SKILLS

PROGRAMMING
Over 5000 lines:
OpenCV • Tensorflow • Python
Javascript • Django • MERN Stack
Keras • Matlab • Pytorch • NLTK
Over 1000 lines:
HTML|CSS • C++ • GCP|AWS • Java
Familiar:
GIT • Docker • Android • MySQL

EXPERIENCE

NECESARIO INNOVATIONS | Computer Vision Engineering Intern
Sep 2022 – Jan 2023 | IIT Gandhinagar, Gandhinagar, IND
- Worked on computer vision and computational photography/GAN model.
- Worked on data gathering, cleaning, pre-processing, training, and testing.
- Implemented image processing and segmentation algorithms.
- Improved photo quality using Deep Learning Models(Neural Networks).
- Implemented features like AR, HDR, Detection, 3D Photography and Avatar.
- Working on edge devices like OAK-D, Jetson nano, Jetson Orin nano platforms.

SHMT | Machine Learning Engineering Intern
Apr 2022 – Sep 2022 | Noida(WFH), IND
- Complete manufacturing of chatbot with the help of RASA 3.1 and Dialogflow from scratch and deployment on the Docplus application available on Google Play Store and internet.
- Worked on Dialogflow knowledge base, intents, entities and created the chatbot model.
- Created custom dataset using web-scrapping for training.
- Worked on API integration and deployment.

VOLUNTEER EXPERIENCE

GDG CLOUD KOLKATA | Community Member
Dec 2022 – Present | Kolkata, IND

INTERNSHALA | Internshala Student Partner 23
Jun 2021 – Sep 2021 | Kolkata, IND
- Created awareness about Internshala internships and organized few online talk/seminar to help students to find their dream internship.
- Participated in social media branding campaigns and learned Branding.

UNV INDIA | UN Volunteer
May 2021 – Dec 2021 | Kolkata, IND
- Supported the implementation of UN programs and projects.
- Worked with communities to identify needs and develop solutions.

CERTIFICATES | AWARDS

Participated in SIH22 and Winner of Campus Internal Hackathon
AI for Everyone: Master the Basics
Machine Learning for Data Science and Analytics
Deep Learning Specialization
Introduction to Cloud Development with HTML, CSS, and JavaScript

PUBLICATIONS | CONTRIBUTIONS

GIRLSCRIPT SUMMER OF CODE | Open Source Contributor
Feb 2022 – May 2022 | Kolkata, IND
- Contributed on KAVI-voice-assistant, Face-X, Retro Music Player, Breast Cancer Predictor, ML Capsule.

- Art Generation Project published in ITimes