Debojit Nath

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EDUCATION

Indian Institute of Technology Madras — 2021 - 2023
Diploma in Data Science — *Online*

Techno India Institute of Technology — 2018 - 2021
Bachelor of Computer Application, SGPA: 8.5 — *Kolkata, West Bengal*

Kendriya Vidyalaya Fort William — 2009 - 2018
CBSE, GPA: (class 12th) 86.5%, (class 10th) 95% — *Kolkata, West Bengal*

EXPERIENCE

Data Science Intern — June 2021 - December 2021
Empliance Information Services India LLP — *Remote*

- Automated Data Mining process from more than 50 sources to create Structured Data for the legal team to use for Compliance Check
- Fine Tuned HuggingFace model to classify Indian articles for Adverse Media Check with an accuracy of 95%

Data Science Intern — February 2021 - May 2021
Iha Consulting Services Pvt. Ltd — *Remote*

- Built a Masked Face Recognition model using TensorFlow Object detection API and then converting to TFLite for optimized performance

RELEVANT COURSEWORK

Deep Learning Specialization — November 2019
Certificate Link — *Deeplearning.ai*

Machine Learning — August 2019
Certificate Link — *Stanford Online*

Mathematics for Machine Learning: Linear Algebra — February 2020
Certificate Link — *Imperial College London*

PROJECTS

ASL Detection

- Fine Tuned Faster R-CNN ResNet-50 FPN from PyTorch's model zoo for American Sign Language Detection using Detecto

TECHNICAL SKILLS

Languages: Python, C++, C
Frameworks: TensorFlow, PyTorch, Fastai
Libraries: Scikit-learn, HuggingFace, Keras, OpenCV, NLTK, Detecto