

# Debojit Nath

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## EDUCATION

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### 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

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### 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

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### 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

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### ASL Detection

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

## TECHNICAL SKILLS

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**Languages:** Python, C++, C

**Frameworks:** TensorFlow, PyTorch, Fastai

**Libraries:** Scikit-learn, HuggingFace, Keras, OpenCV, NLTK, Detecto