

Safalya Pal

Undergraduate Student in Statistics

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Howrah

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EDUCATION

ICSE

Don Bosco School, Liluah

2006 - 2017

ISC

Sunrise School, Belur

2017 - 2019

B.Sc. (Honours) in Statistics

Amity University, Kolkata

2019 - Present

CGPA - 7.88

PERSONAL PROJECTS

Image-To-Image translation with VAE with dual decoders

- An experiment demonstrating for VAEs learning shared representations between two domains without any explicit training

Image Super-Resolution on a VAE's decoder output

- An experiment trying to use SRCNN on a VAE's reconstructed images

Binary image classification for histopathologic cancer detection

- Cancer prediction from histopathologic images of tissues

MAJOR PROJECTS

Auto-Encoding for Shared Cross Domain Feature Representation and Image-to-Image Translation

Amity University, Kolkata

2020

Non Teaching Credit Course,
Semester 3

[link to thesis](#)

Description

- An auto-encoder learning disentangled representations and using that for Image-to-Image translation and cross domain semantic image search

SKILLS

Statistics

Machine Learning

Deep Learning

Data Analysis

Data Visualization

Python

R

LANGUAGES

English



Bengali



Hindi



Japanese



German



INTERESTS

Generative Models

Dimensionality Reduction

Representation Learning

Autoencoders

Image Processing

Image Generation

Reinforcement Learning