

Adrish Dey

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EDUCATION

NETAJI SUBHASH ENGINEERING COLLEGE

B.TECH - COMPUTER SCIENCE AND ENGINEERING

Expected May 2021 | Kolkata, India
CGPA: 7.05/10

GURUDAS TARASUNDARI INSTITUTION

Grad. May 2017 | Berhampore, Murshidabad, India
WBCHSE: 82.4%

MARY IMMACULATE SCHOOL

Grad. May 2015 | Berhampore Murshidabad, India
ICSE: 94.33%

LINKS

Github:// [captain-pool](#)

LinkedIn:// [captain-pool](#)

YouTube://

[UCc6GiWDMPOuCDhngnLVZrw](#)

Twitter:// [@captain_pool](#)

TEACHING

MACHINE LEARNING TRAINER | I&WE

Jun 2019 - Jul 2019 | Kolkata

Provided mandatory Industrial Training to a group of 43 Final Year students on Machine Learning with TensorFlow.

SKILLS

PROGRAMMING

Work Experienced

- Python • C#
- Shell • C++

Familiar:

- MySQL • Linux Kernel API
- Arduino • PHP
- Javascript • HTML5/CSS

EXPERIENCE

TENSORFLOW | GOOGLE SUMMER OF CODE

May 2019 - August 2019 | Online

- Implemented and trained Enhanced Super Resolution GAN (<https://arxiv.org/pdf/1809.00219.pdf>) to export to <https://tfhub.dev>
- Implemented GAN Distillation on ESRGAN to reduce inference time, and built a Proof of Concept media player which performs video frame Super Resolution @ 5 Frames per second.

More of the project description can be found here.

<https://github.com/captain-pool/GSOC>

<https://summerofcode.withgoogle.com/projects/#4662790671826944>

TENSORFLOW | OPEN SOURCE CONTRIBUTOR

Made contributions to TensorFlow Core and TensorFlow Datasets Project.
Pull Requests:

- TensorFlow: <https://github.com/tensorflow/tensorflow/pulls?q=is%3Apr+author%3Acaptain-pool>
- TensorFlow Datasets: <https://github.com/tensorflow/datasets/pulls?q=is%3Apr+author%3Acaptain-pool>
- TensorFlow Hub: <https://github.com/tensorflow/hub/pulls?q=is%3Apr+author%3Acaptain-pool>

COMPUTER VISION AND MACHINE LEARNING INTERN | COVICAS - I&WE

January 2019 - March 2019 | Kolkata, India

Building a Face Recognition based security system, running on a distributed network of Raspberry Pi.

AWARDS

2019	2958 th Global	Google Hash Code 2019
2018	National	NASA SpaceApps Challenge Finalist
2018	2 nd /150 teams	NASA SpaceAppsChallenge Regional
2018	Regional	ACM Kolkata Chapter B.Tech Awards Finalist

PROJECTS

SHADOW FIGHTERS | HACKATHON

Created an Unity 3D VR Game, with a team of 4 members at HackInTheNorth. This Game connects with the PC Webcam and uses In Browser Tensorflow.JS to estimate human pose and Shadow Fight in the Virtual World, without the need for any Extra Hardware.

<https://github.com/subzero-hackinthenorth>

6.042 RULES! WEBSITE | PERSONAL

6.042 Rules! was a free online course for MIT's 6.042J Class, coordinated by students who have taken this class. Around 300 students from around the globe registered for this course, during its lifetime.

<https://github.com/captain-pool/6.042-Rules-Website>

PLAYIT | PERSONAL

A lightweight Windows Metro Media Player App.

https://github.com/captain-pool/Play_It