

Shubhajit Das

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EDUCATION

GCE, KEONJHAR | B.TECH COMPUTER SCIENCE & ENGINEERING

CGPA: 8.58

Odisha | Aug 2015 - May 2019

F.M. JUNIOR COLLEGE, BALASORE | 10+2 SCIENCE

Percentage: 85.50 in 10th | 64.17 in 12th

Odisha | Aug 2012 - June 2014

INTERNSHIPS

ARYABHATTA ROBOTICS | DEEP LEARNING INTERN

Bengaluru | May 2019 – June 2019

- Worked on an end to end Computer Vision based software which included Face Recognition, Object Detection, Age-Gender estimation etc
- Responsibility includes training of neural nets and the deployment

AZUIK TECHNOLOGIES | MACHINE LEARNING INTERN

Bengaluru | Oct 2018 – Dec 2018

- Worked on a Computer Vision and NLP based System
- Experimented with different model architectures and analysed the results

UDIYATE TECHNOLOGIES | DEEP LEARNING INTERN

Bhubaneswar | May 2018 – July 2018

- Designed the complete pipeline for a real time object detection system which included data collection, preparation, annotation, modeling and fine-tuning. Experimented with different model architectures (YOLO-v2, SSD)

PROJECTS

FOOD-101 CLASSIFICATION

github.com/shubhajitml/food-101

Training on food-101 dataset which achieved SOTA top-1 validation accuracy (~90%) using 1-cycle-policy with pytorch & fastai

CROP DISEASE DETECTOR

github.com/shubhajitml/crop-disease-detector

Identify the disease in the crop given an image of its infected leaves. • Trained Resnet50 on PlantVillage dataset (38 classes) using 1-cycle-Policy with fastai which gave an accuracy of 99.7%

FOOTWEAR CLASSIFICATION

github.com/shubhajitml/footware

Trained a model (using 1-cycle-policy) to identify the type of footwares out of 6 classes)

SKILLS

PROGRAMMING LANGUAGES

Python, Java, C++

FRAMEWORKS / LIBRARIES

PyTorch, Keras, Tensorflow, fastai

IDEs / EDITORS / VCS

VS Code, IntelliJ, PyCharm, Jupyter Notebook, Git, Github

MISCELLANEOUS

Deep Learning, Computer Vision

COURSEWORK

UNDERGRADUATE

Data Structures & Algorithms | Operating Systems | Database Systems

OTHERS

CS231n (Stanford University) | fastai (part 1, 2) | Deep Learning Specialization (Coursera)