

Shubhajit Das

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EDUCATION

GCE, KEONJHAR | B.TECH COMPUTER SCIENCE

GPA: 8.58

Keonjhar, Odisha | Aug 2015 - May 2019

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

GPA: 64.17%

Balasore, Odisha | Aug 2012 - June 2014

EXPERIENCE

ARYABHATTA ROBOTICS | DEEP LEARNING INTERN

Bengaluru, India | 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, India | 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, India | 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 | DEEP LEARNING, PYTORCH

<https://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 | COMPUTER VISION

<https://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 | DL, CV, PYTORCH

<https://github.com/shubhajitml/footwear>

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

SKILLS

PROGRAMMING LANGUAGES

Python, C++, Java, SQL, HTML, PHP, C

FRAMEWORKS / LIBRARIES

PyTorch, Tensorflow, fastai, Keras, scikit-learn

IDES /EDITORS / VCS

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

MISCELLANEOUS

Machine Learning, Deep Learning, Computer Vision, NLP

COURSEWORK

UG

Data Structures & Algorithms, Operating Systems, Computer Networking, Database Systems

MOOCS

fastai (part 1, 2) | CS231n (Stanford University) | Deep Learning Specialization (deeplearning.ai) | Machine Learning (Andrew Ng., Coursera)