ABHIJIT ROUT

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EDUCATION

Bachelor of Technology (Computer Science & Engr.)| ITER|Bhubaneswar| 6.82 CGPA (upto 6th sem)	**2018 - 2022**
12th Science (CBSE)|ODM Public School|Bhubaneswar|61% aggregate	**2018**
10th (CBSE)|ODM Public School|Bhubaneswar|9.0 CGPA	**2016**

PROJECTS

Object Detection using YOLO Convolutional Neural Network (Active Project)   **2021**
- Implemented Darknet's YOLO Training to train custom models.
- Used Tesla GPU within Google colab for faster training (28 seconds).
- Used OpenCV, Numpy, LibJpeg to mount and extract output data.
- Implemented Dense Block & DenseNet to create Convolutional Networks.

Stock Price Prediction using Facebook Prophet(Active Project)   **2021**
- Implemented Facebook's Prophet Forecasting Procedure to train dataset.
- Trained large Historical data using forecasting techniques of Facebook Prophet.
- Predicted stock values for major companies including TESLA, APPLE and KALYAN Jewellers.
- Created user understandable graphs of the predicted model.

SUBJECTS OF INTEREST

- Computer Vision   **2021**
- GAN (Generative Adversarial Networks)
- Photogrammetry
- XGBoost

TECHNICAL SKILLS

- **LANGUAGE:** Python, C++

CERTIFICATION COURSES

- Intro to Machine Learning (Kaggle)   **04/2021**
- Intermediate Machine Learning (Kaggle)   **05/2021**

ADDITIONAL SKILLS SET

- Hands-on experience with Adobe Photoshop, Adobe Premier Pro and Adobe XD
- 3D Product Designing and Environment Designing on Blender and Adobe Substance Painter
- Professional level UI Designing and Wireframing.
- Language Proficiency - German (Deutsch - Fundamental)

SEMINARS AND WORKSHOPS

- Participated in World Record Python Programming webinar (guvi.com)   **2021**
- Participated in a 2-day Ethical-Hacking Seminar at IIT, Kharagpur   **2019**

EXTRA CURRICULAR ACTIVITIES

- Graphic Designer at Virtual Showreel (Official Media club of SOA University)   **04/2021 - Present**
- Graphic Designer at SOA Model United Nations (Postponed due to Novel Coronavirus)   **2019**
- Motion Graphics Designer at Virtual Showreel (Official Media club of SOA University)   **2018**

HOBBIES

- Contributor at Medium.com (www.abhijitrout.medium.com)
- 3D Modeling and Pipeline Rendering
- UI/UX designing