

# ABHIJIT ROUT

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## EDUCATION

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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

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### Object Detection using YOLO Convolutional Neural Network (Active Project) 05/2021 - 06/2021

- 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.

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### Stock Price Prediction using Facebook Prophet (Active Project) 03/2021

- 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

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- Computer Vision
  - Photogrammetry

## TECHNICAL SKILLS

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- **LANGUAGE:** Python, C++
  - **ADDITIONAL SKILLS:** HTML5, CSS3, JavaScript, Bootstrap, MongoDB

## CERTIFICATION COURSES

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

## ADDITIONAL SKILLS SET

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- Hands-on experience with Adobe Creative Suite
  - 3D Product Prototyping and Environment Designing on Blender and Adobe Substance Painter
  - Professional UI-UX Development.
  - Foreign Language Proficiency - German A1 (Read/Write/Spoken)

## SEMINARS AND WORKSHOPS

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| • 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

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|--|-------------------|
| • 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

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- Storyteller at Medium ([abhijitrou.medium.com](https://abhijitrou.medium.com))
  - 3D Modeling
  - Doodling