

Bhaskar Borah

borahb563@gmail.com | 7896467758 | <https://bhaskarborah.netlify.app>

EDUCATION

ASSAM ENGINEERING COLLEGE

B.TECH IN ELECTRONICS AND
TELECOMMUNICATION ENGINEERING
College CGPA : 8.05 / 10.0
June 2022 | Guwahati, IND

SBOA PUBLIC SCHOOL

SECONDARY EDUCATION
June 2018 | Guwahati, IND
Class 10 CGPA: 10.0 / 10.0
class 12 Percentage: 86

PUBLICATIONS

- "Animal Detection Using Instance Segmentation", Dickensian Journal, Volume 6 Issue 6, 2022, DOI: 10.12001.DK.J2022.V22.I6.430
- "Animal Motion Tracking in Forest: Using Machine Vision Technology", International Journal of Scientific Research in Engineering and Management (IJSREM), Volume 6 Issue 7, 2022, DOI: 10.55041/IJSREM15501

COURSEWORK

MOOC

Machine Learning
Convolutional Neural Network
Structuring Machine Learning Projects
Neural Networks and Deep Learning

SKILLS

PROGRAMMING

Python • C

FRAMEWORKS

Flutter • Darknet

LINKS

Github:// [Borahb](#)
LinkedIn:// [Bhaskar Borah](#)

EXPERIENCE

BORGOS TECHNOLOGIES |SD INTERN

Nov 2022 | Guwahati, IND
Developing an e-commerce application using Flutter framework.

BIOLEGE |SDE INTERN

Oct 2020 - May 2022 | Guwahati, IND

Made UI for their doctor application as well as for the clinic application using flutter. Integrated with the backend using REST API.

Custom OCR

- Developed a custom ocr from scratch using YOLO and tesseract to read the specific contents of a Lab Report and convert it into an editable file.

GSSOC'21 | PARTICIPANT

Mar 2021 - May 2021 |

- Doclense
 - Solved package issue.(GitHub PR)
- Batua
 - Resolved UI issues and created fetch details page for profile.Solved Navigation issue and added firebase backed for storing details.
- HealthCheck
 - Created two screens in flutter, created improved ML model for parkinsons disease prediction and created improved ML model for liver disease prediction.(GitHub PR)

N.F RAILWAY | WINTER INTERNSHIP AND TRAINING

Nov 2020 - Dec 2020 |

- Completed industrial training in Signal and Telecommunication Department of N.F Railway, Maligaon, Ghy - 781011.

VLSI EXPERT PRIVATE LIMITED | SUMMER INTERNSHIP AND TRAINING

July 2020 - Aug 2020 |

- Completed the Summer Training cum Internship Programme on RISC V based 32 bit Digital Processor Design using SPICE under E ICT Academy IIT Guwahati and Assam Science Technology University, in association with VLSI Expert.

PROJECTS

ANIMAL DETECTION USING INSTANCE SEGMENTATION Oct 2021

This is a DL project which will detect animals using Instance Segmentation.The dataset used here is a custom dataset. This architecture used here is Mask R-CNN.

AUTOMATIC TEXT GENERATION Jun 2021-July 2021

This is an automatic text generator which is trained using LSTM architecture. So at first the model will take an input sentence from the user and then the user have to specify the maximum number of characters to predict, then output will be generated. This is deployed to web using streamlit.

AEC DROPBOX Oct 2020 - Nov 2020

AEC Dropbox is a data collecting app for students of Assam Engineering College. It is an official app of Assam Engineering College to carry placement activities in AEC smoothly and efficiently.

CUSTOM-OCR Sept 2020 - Oct 2020

This is a Custom OCR built by combining YOLO and Tesseract, to read the specific contents of a Lab Report and convert it into an editable file. Here I have used YOLO V3 trained on the personal dataset. This list is passed through the Tesseract to get the desired output.