

Debopriyo Debnath

[GitHub](#) | [LinkedIn](#) | debnothdebopriyoxv@gmail.com | [+91 6000595925](tel:+916000595925)

EDUCATION

Secondary Education

June 2013 - March 2015

Don Bosco School, Silchar, Assam. Marks: 93%

Higher Secondary Education

April 2015 - March 2017

Maharishi Vidya Mandir, Silchar, Assam. Marks: 87%

B.Tech in Computer Science Engineering

July 2018 - Ongoing

National Institute of Technology, Silchar, Assam. CGPA: 7.74

TECHNICAL SKILLS

Languages: Python, C , C++, JavaScript, HTML , CSS , Node , MongoDB

Frameworks: Express.js, EJS

Tools: CodeBlocks , Spyder, Hyper, AdobeXD , Atom, VS Code, PyCharm , Adobe Dimension , Blender3D

SKILLS

Machine Learning

Editor: Spyder

- Developed multiple machine learning model with more then 95 percent accuracy rate
- Have worked with libraries like numpy, pandas, sklearn, keras

Full Stack Web Developer

Editor: Atom

- Developed several webpages
- Have worked with Node and Express js, Bootstrap,MongoDB
- Have very good understanding of almost all CSS and HTML properties

Competitive Coding

- Solved more then 200+ competitive questions
- Platform Handle: [HackerEarth](#)

UI Design

- Developed many prototypes and framework in Adobe XD
- 3D models created in Dimension and Blender3D for webpages

PROJECTS

Surface Crack Detection | *ML model*

- Developed a Machine Learning model which trains more then 20,000 cracked and non-cracked jpg images and predict correct result for a given test image with more then 97 percent accuracy
- Model based on Convolutional Neural Network with 3 layers, each mid-layers consisting of 30 neurons.
- Dataset: <https://data.mendeley.com/datasets/5y9wdsg2zt/2>
- Github repository https://github.com/bach00ito/CNN/blob/master/crack_detection.py

Tin Dog | *Website*

- A webpage for Online Dating for Dogs
- Worked with Bootstrap ,Javascript ,HTML and CSS while making this project
- website: <https://bach00ito.github.io/dog/TinDog-Start-master/index.html>
- GitHub Code: <https://github.com/bach00ito/dog/tree/master/TinDog-Start-master>

Mall Survey | *ML model*

- Using K-means++ clustering studying the relation between a person annual income and his spending score
- Dataset: https://github.com/bach00ito/Mall_Survey/blob/master/Mall_Customers.csv
- GitHub Code: https://github.com/bach00ito/Mall_Survey/blob/master/survey.py