



PROFILE:

I aim to help come up with scalable solutions to problems, and work with teams that build industry changing technology.

MOST RECENT ACHIEVEMENTS:

- 1st Position: MeitY Tide 2.0, NIT Silchar Round, 2020 (Finals Cancelled)
- 1st Position: AgriHacks e-IDEATHON, Jorhat Engineering College, 2020
- 1st Position: Innovation Challenge and three Robotics events, KIITFest, 2019
- RoboWars: Event Organizer of Tecnoesis, NIT Silchar, 2019
- Participated and won various Robotics based events all over the country.

SKILLS:

- Deep Learning Specialization
- Python / C++ / Java
- Computer Vision
- Machine Learning
- Reinforcement Learning
- IoT
- HTML / CSS / JavaScript
- MATLAB

CONTACT:

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PORTFOLIOS:

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LOCATION:

[Guwahati, Assam, India](#)

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DHIMAN SEAL

AI AND INNOVATION ENTHUSIAST

WORK EXPERIENCE:

Deep Learning Research and Development • Intern • Grroom

July, 2020–August, 2020

Internship work involved researching Neural Network Architectures and helping develop the central Fashion Annotation Software for the company, which the company will run on in the future.

IoT-based Software Development • Co-Founder • Eminence Robotics

October, 2018–Present

Eminence Robotics is a start-up possessing accolades in Robotics and Innovation based events across the county. We have also sponsored and helped organized tech-fests in multiple colleges.

IoT Developer and Educator • Co-Founder • TechEngio

November, 2018 – March, 2020

TechEngio builds IoT projects and partners with local institutes to teach students IoT and Robotics, to help them bring their ideas to reality.

EDUCATION:

National Institute of Technology (NIT), Silchar, Assam; CPI: 7.40, SPI: 8.39

- B. Tech in Electronics and Communication Engineering (ECE), 2018-2022

Gurukul Grammar Senior Secondary School, Assam

- HS (Science), CBSE, 2016-2018; Percentage obtained: 95%
- HSLC, CBSE, 2016; CGPA obtained: 10.0

PROJECTS:

- **NumCuts**, a GUI tool to set up custom shortcut keys to script tasks, built using C++ containing a HTML/CSS based GUI made with NodeJS, Electron Framework: [Source Code/Releases: www.github.com/Dhi13man/NumCuts](https://www.github.com/Dhi13man/NumCuts)
- **InfrAwake**, an IoT wearable technology; Drowsy Driving solution with a Google Sheets scripting API based Database: youtu.be/hqWcnQ520LQ
[Achievements](#): Winner of KIITFest 2019, MeiTide NIT Silchar round, 2020
- **CV-Gesture-Control**, a project to build a dataset and ML model to detect hand shapes in real time with Computer Vision, to control the PC.
[Demonstrations: www.github.com/Dhi13man/CV-HandGestureControl](https://www.github.com/Dhi13man/CV-HandGestureControl)
- **NeuralTweetGen**, Recurrent Neural Network usage to generate and auto-tweet novel tweets from a given short list of tweets:
www.github.com/Dhi13man/NeuralTweetGen ...and more.

COURSES AND CERTIFICATIONS:

- Deep Learning Specialization by deeplearning.ai • Machine Learning A to Z by SuperDataScience Team • Deep Learning A to Z by SuperDataScience Team • Computer Vision - Object Tracking Project with OpenCV by Coursera • Introduction to Python Programming by Udemy • AWS Computer Vision: Getting Started with GlueCV