

PIYUSH THAKUR

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EDUCATION

Netaji Subhash Engineering College

B-Tech | Electronics and Communication

2019-2023 | Kolkata, West Bengal

Current SGPA - 9.2

New Era Public School

Higher Secondary Schooling

2016-2018 | Munger, Bihar

Percentage - 78.2%

Notre Dame Academy Munger

Schooling

Till 2016 | Munger Bihar

CGPA - 10.0

SKILLS

Deep Learning | Machine Learning

- TensorFlow, Keras, ScikitLearn, OpenCV
- Google Colaboratory, Weights and Biases, Jupyter Notebook
- pandas, NumPy, Matplotlib and more.

Web Development

- Node.js, Express.js, React.js, Redux.js, MongoDB, Mongoose.js, Firebase, PowerApps, Fluent-UI
- HTML, CSS, JavaScript, jQuery, Bootstrap, Reactstrap, Material-UI

Linux - arch, i3wm, picom, alacritty

IoT and Robotics

Languages - Python, JavaScript, C, C++

Developer Tools - Git, GitHub, VS Code, Vim, Neovim, Nano

Platforms - Arduino, Google Cloud Platform

Other - Backstage, Testing (Unit, Automation, Functional)

EXPERIENCE

Google Developer Student Clubs | LEAD | NSEC, Kolkata |

July 2021 - July 2022

[GDSC Lead Community Platform](#) | [Google Developers](#) | [GDSC NSEC website](#)

- Google Developer Student Clubs are university based community groups for students interested in Google developer technologies.

Weights and Biases | Author

- [Real Time Social Distance Detector](#)
- [Sentiment Analysis with Bag of Tricks](#).

Freelancer | Client Support

Assist foreign clients with large scale cross-platform software projects.

PROJECTS

Real Time Social Distance Detector

[Google Colaboratory](#) | [GitHub](#) | [wandb](#)

- Built a fast and accurate machine learning model to detect pedestrians.
- If the distance between pedestrians is less than the threshold, they will be marked danger.
- Work in progress - Bring this social detector to work on real-time data with cameras and alarms.

SSL Study

[GitHub](#)

- Implementation of self supervised learning algorithms for fine grained image classification tasks.

Image Classification on Browser

[GitHub](#)

- Integrating ML with Web
- Classify images into classes and see the prediction on the browser.

Winter of Code

[GitHub](#) | [Website](#)

- A website built for the GDSC community to promote open-source like GSoC.

CCD2022

[GitHub](#) | [Website](#)

- A website built for the GDG Cloud Kolkata which hosted the biggest developer conclave in Eastern India.

AWARDS

Winter of Code Top Contributor | Open Source

Event | GDSC NSEC, Kolkata | 2020 - 2021

Finalist | Avenir NSEC, Kolkata | 2019

MISCELLANEOUS

Talks

- [Hands-on Git and GitHub - Day 1](#)
- [Hands-on Git and GitHub - Day 2](#)

Blogging Website

Blogs

- [A Tour Of Policy Gradients](#)