

# PRANIT BAUVA

Open source and Robotics enthusiast

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## EXPERIENCE

Student - Git

Google Summer of Code

May 2016 – September 2016

Mumbai, India

- Ported git-bisect shell script to C builtin code to improve the runtime on especially windows which also helps to refactor the code.
- Also contributed various patches for refactoring code and small features.

Executive Head

Kharagpur Open Source Society

January 2017 – Ongoing

Kharagpur, India

- Responsible for sponsorship in Kharagpur Winter of Code program (mock GSoC) from Google, Mozilla, Github, et al.
- Responsible for marketing about the event throughout India which received 900+ registrations, 40+ students with at least one commit and 70+ mentors in 50+ projects
- Organized and taught the Git Workshop for people to get started with Software Development.
- Helped in promoting open source culture at IIT Kharagpur.

Sub Head

Technology Robotix Society

March 2016 – Ongoing

Kharagpur, India

- Designing, Prototyping, and organizing the computer vision robotics event 'CONQUEST' based on Artificial Intelligence and Path Planning witnessing 100+ registrations
- Organized "Robosoccer" for 100+ teams and 400+ freshers. Conducted technical workshops throughout India to spread the culture of robotics

Programmer

Swarm Robotics IIT Kharagpur

March 2016 – Ongoing

Kharagpur, India

- Working on developing a distributed communication protocol on top of RF module.
- Developed A-star path planning module for the swarm simulator.

Coordinator & Mentor

Robotix Image Processing Winter Workshop

December 2016 – December 2016

Kharagpur, India

- Taught freshers various concepts in Image Processing, a very basic Bayesian Classifier and Path Planning.
- Also taught freshers basic of autonomous robotics on arduino board to make their own bot.
- Coordinated the whole workshop along with other co-mentors and 4 groups maintaining the inventory for the workshop.

## MY LIFE PHILOSOPHY

"Do something cool which can improve lives"

## MOST PROUD OF



Google Summer of Code

I got selected in the prestigious GSoC program in my very first year under an organisation named Git whose software is used by almost all big companies like Twitter, Google, et al.

Sports Captain

I led all the sport activities of my school which included participation and victory in various sports

Captain of State team

I was the captain of Mumbai's Throwball team which participated in State-level competition

## STRENGTHS

Hard-working

Loves technology

Leader

C

C++

Embedded Systems

Statistical Analysis

Image Processing

Robotics

Java

Python

shell

LaTeX

MS Office Suite

HTML

CSS

## LANGUAGES

English



Hindi



## EDUCATION

Dual Degree in Engineering

Indian Institute of Technology, Kharagpur

July 2015 – current

High school

Mithibai College

Sept 2013 – June 2015