

Vinayakk Garg

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Education

Montfort Senior Secondary School

PCM WITH CS

GPA: 9.42

New Delhi, India

April 2003 – March 2017

Bharati Vidyapeeth's College of Engineering

BTECH IN INFORMATION TECHNOLOGY

GPA: 8.3

New Delhi, India

August 2017 – Present

Experience

DSC BVP

TECHNICAL EXECUTIVE

- Part of the Core Team of 50
- Judged an intra-college Ideathon event with 20 participating teams.
- Mentored a group of 20 out of 300 student members for different technologies like robotics, web development, machine-learning.

New Delhi

May 2018 – Present

GDG BVP

STUDENT REPRESENTATIVE

- Selected out of 300+ student members after clearing an interview

New Delhi

October 2017 – April 2018

Skills

Programming Languages: Python, HTML, CSS, C, C++, Javascript

Web Frameworks: Flask, Django

Robotics: Arduino, Raspberry Pi, ROS

ML / AI: Scikit-Learn, Tensorflow, Keras

GUI / Data Visualisation: Tkinter, Matplotlib

Version Control: Git, Github

Projects

Lane Detection App

A LANE-LINES DETECTION SOFTWARE TO DETERMINE DRIVABLE AREAS FOR AUTONOMOUS ROBOTS.

Python 3, OpenCV

github.com/vinayakkgarg/Lane-Detection-App

Who's Cuter

A CATS VS DOGS CLASSIFIER WITH A TEST SET ACCURACY OF 81% ON A DATASET OF 8000 TRAINING IMAGES.

Python 3, Keras (TF backend)

github.com/vinayakkgarg/whos-cuter

ROS PacBot(ongoing)

A PROJECT IN WHICH BOTS PLAY THE PACMAN GAME. THE ENTIRE ENVIRONMENT AND BOTS IS SIMULATED USING THE GAZEBO SIMULATOR.

ROS, Python

github.com/vinayakkgarg/ROS_PacBOT

Award

August 2018	Finalist: SKYHACK 2018 , Qualified for the Finals among the top 5 teams nationally for the Hackathon organised by the Chhattisgarh Government in Raipur.	AIC@36Inc
October 2018	Third: Hack@BVP 2.0 , Won the third position at BVCOE's Hackathon organised by CSE department.	CSE DEPT, BVCOE
October 2017, 2018	Winner: Technovation at Innervive 2017, 2018 , Won the first position at IGDTUW's Techfest in the Ideathon event for two years consecutively.	IGDTUW
October 2018	Second: Ideathon at Innovision 2018 , Won the second position at NSUT's Techfest in the Ideathon event.	E-Cell, NSUT
2018	Winner: Robo Race at Fervour 2018 , Won the first position at BVCOE's Techfest in event Robo Race.	BVCOE
2017	Winner: Robo Rugby , Won the first position in Robo Rugby at MSIT, BVCOE, CIC,	MSIT, BVCOE, CIC