Rohit Chouhan

EDUCATION

07/2016 - 09/2020

Institute of Engineering and Technology, DAVV

Indore, India

B.E. Information Technology

CGPA - 8.37 | First Division With Distinction

04/2014 – 05/2015

S.I.C.A S.S School

Indore, India

XII Srandard

Percentage - 84%

04/2012 - 05/2013

S.I.C.A S.S School

Indore, India

X Standard CGPA - 9.8

PROJECTS

11/2020 - present

Some Chords ∂

This project is made to provide a clean and easy way of checking out guitar chord shape. It has three parts

- A program written in C using the ncurses library which provides an easy way to navigate a menu and see the shapes in terminal window.
- · A POSIX shell script to cat out the guitar shapes.
- · A webpage

07/2019 - 05/2020

Intelligent Traffic Lights Using Reinforcement Learning @

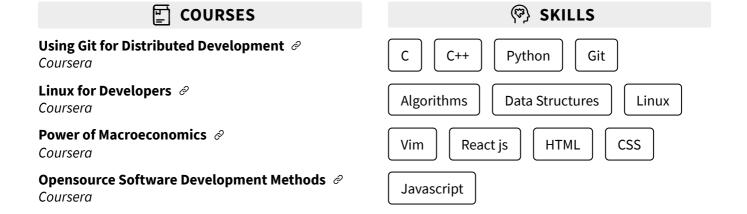
Research project for my Undergrad

- Making use of reinforcement learning for training the agent to choose a traffic light sequence to maximize efficiency.
- Traffic generation and simulation is done using SUMO and NetEdit.
- A python library called Traci is used for getting information about the intersection.
- A neural net is trained based upon the rewards during a training episode.
- An improvement of 72% in terms of both cumulative delay and average queue length.

05/2015 - 12/2017

Navigation Bar and Status bar customisation apps for Android *∂*

- These are theme apps that work alongside the Substratum theme engine for Android to change and customize navigation and status bar of an android device.
- I made them possible using guides from the theme community, Android Studio, GIMP, Adobe Illustrator and Java.
- The Apps are called "[Substratum] Navigate theme" and "[Substratum] Status theme"
- "Navigate" theme has crossed 300K downloads on Google Play Store.





Students without Borders

Volunteer 10/2016 - 10/2017 | Indore, India

Traffic Police Volunteer

Volunteer Indore, India

Pizzazz

Organiser Indore, India

Organized an inter-school drawing competition on topics of child labour and women empowerment



⊡ INTERNSHIPS

UI/UX Desiger and Social Media content creator

Rackbank Datacenters Pvt. Ltd. 06/2018 - 07/2018 | Indore, India



(2) LANGUAGES

Hindi

English

TOEFL - 115