

Rohit Chouhan

✉ rohitchouhan07@gmail.com ☎ +919754448796 🌐 github in linkedin 🖱 website

🎓 EDUCATION

07/2016 – 09/2020 Indore, India	Institute of Engineering and Technology, DAVV <i>B.E. Information Technology</i> CGPA - 8.37 First Division With Distinction
04/2014 – 05/2015 Indore, India	S.I.C.A S.S School <i>XII Standard</i> Percentage - 84%
04/2012 – 05/2013 Indore, India	S.I.C.A S.S School <i>X Standard</i> CGPA - 9.8

📁 PROJECTS

11/2020 – present	Some Chords 🔗 <i>This project is made to provide a clean and easy way of checking out guitar chord shape. It has three parts</i> <ul style="list-style-type: none">• 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 🔗 <i>Research project for my Undergrad</i> <ul style="list-style-type: none">• 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 🔗 <ul style="list-style-type: none">• 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.

📖 COURSES

Using Git for Distributed Development 🔗 <i>Coursera</i>
Linux for Developers 🔗 <i>Coursera</i>
Power of Macroeconomics 🔗 <i>Coursera</i>
Opensource Software Development Methods 🔗 <i>Coursera</i>

🧠 SKILLS

C	C++	Python	Git
Algorithms	Data Structures	Linux	
Vim	React js	HTML	CSS
Javascript			



ORGANISATIONS

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 Designer and Social Media content creator

Rackbank Datacenters Pvt. Ltd.

06/2018 – 07/2018 | Indore, India



LANGUAGES

Hindi



English

TOEFL - 115

