Rohit Rangaraj

Python Dev, Roboticist and AI Enthusiast
rohitrangaraj2005@gmail.com

EDUCATION

SUGUNA PIP SCHOOL
Grade 11 - 12 (CBSE)
Grad. Mar 2022 | Coimbatore, India

SSVM WORLD SCHOOL
Grade 1 - 10 (CBSE)
Grad. Mar 2020 | Coimbatore, India
10th Finals : **86.4%**

SKILLS

PROGRAMMING
Fluent
• Python • C++ • Android • Vim
Skilled
• JavaScript • React Native • C
• Java • C# • Bash
Familiar
• HTML5 • CSS • Swift • SQL

MACHINE LEARNING
• TensorFlow • Keras • NumPy
• Pandas • SciKitLearn

ROBOTICS
Mainline Robotics
• Tetrix • Vex
IOT
• Arduino • Raspberry Pi
• NodeMCU • ESP8266 • ESP32
• Networking Concepts in IOT
• Electronic Circuits
Mindstorms
• EV3 • NXT

DEVOPS
• GCP • Firebase

GAME DEVELOPMENT
• Unity3D • Unreal Engine

MODELLING SOFTWARE
• Fusion 360 • Creo (Assembly)
• AutoCAD • Blender

LINKS

Github:// **Rohit-Rangaraj**
Github:// **Revno-Official**
Instagram:// **_rohi_21_**
Mobile : **+91 8610909439**
CodeForces:// **Rohi21Coder**
LinkedIn:// **Rohit R**
Discord:// **Rohi21**
YouTube:// **Revno**
Twitter:// **@rohi21_the_nerd**

COURSES

HarvardX CS50
Successfully completed and received a passing grade in
CS50's Introduction to Computer Science Course offered by
Harvard University through edX in Class 10 during the COVID-19 Pandemic
Mar 2020 - Dec 2020
Final Grade: **98%**
Final Project: GreenLeafz - The Leaf Classifier
edX Certificate Link   Harvard Certificate Link

MITx Game Development
Successfully completed and received a passing grade in
MITx's 11.126x: Introduction to Game Design through edX in Class 6 - June 2016.
Final Grade: **100%**
edX Certificate Link

ACHIEVEMENTS

Year	Level	Achievement
2019	International	**3rd Prize**, World Adolescent Robot Contest, Chongqing, China
2018	National	**Leader** of Finalist Team, FIRST Tech Challenge Relic Recovery
2017	National	**Finalist** Team, FIRST Tech Challenge Velocity Vortex
2019	School	**President**, Science Club for 5 years
2016	International	**Cambridge English** PET, KET and YLE Flyers
2017	Regional	**Winner**, Open Category, Coimbatore Robotics League
2016	International	**Participant**, RoboFest by Lawrence Tech University(Michigan, USA)
2017	International	**262nd** in International Informatics Olympiad, SilverZone
2018	Karate	**Brown** Grade Belt Holder
2016	National	**30th Place**, WIN Spelling Bee National Grand Finale **(State 6th)**

COURSEWORK

HIGH SCHOOL
Computer Science (Python, C, Web Design, OS)
Mathematics (Calculus)
Mathematics (Pre-Calculus)
Physics (Equivalent to AP Phy 1, 2 & C)
Chemistry (Equivalent to AP Chem)
English
Biology
Tamil & Sanskrit

MISCELLANEOUS

CS50X FINAL PROJECT - GREENLEAFZ
GreenLeafz is a Leaf Classifier application that classifies species of plants just by analysing an image of its leaf given by the user. It is an Android App developed in Java implementing a Machine Learning Model which was designed using TensorFlow.

SOCIAL ACTIVITIES
• **Tutored** two local schools in Basic Robotics Concepts
• Participated in many activities throughout the course of my service in the **National Cadet Corps** and **Bharat Scouts and Guides** (2012 - 2019)
• Took part and completed various **Marathons** to raise social awareness for many causes