GURKIRT **SINGH**

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TECHNICAL EXPERTISE

- Languages: Python, JavaScript, C++, C#
- Frameworks: React. Js, NodeJS, Django
- Databases: MySQL, SQL, MongoDB
- Methodologies: Agile Development
- Designs: Lucid Chart, Figma
- Version Control: GitHub

PROJECTS

LOVING SITTER – TEAM PROJECT
A two way marketplace for dog owners and sitter. Build using React on client side and Node js on server side.
https://github.com/hatchways/team-pine

HAND GESTURE RECOGNIZER
Developed in Python using OpenCv module. Using SerialCommunication, send the number of fingers recognized in the video to the STM32F3 Discovery (microcontroller). STM32F3 Discovery will response back by turning on the number of LEDs equal to number of fingers.

REVENGE OF WALLY'S WHEEL
Software to view, trade and purchase vehicle from different locations of a company called Revenge of Wallys Wheel. Also, create a receipt of purchase. This project is build with WPF and MySQL.

ENCODE INPUT UTILITY
The objective was to build a Linux utility to transfer any binary file to its equivalent S-Record output file or assembly file to use in an embedded software development environment. Built in C and linux development enviromemnt.

EDUCATION

SOFTWARE ENGINEERING TECHNICIAN, CONESTOGA COLLEGE
In this program, I learned about writing advance computer software using different problem-solving skills and in different types of environment (Individual, Group, and Team).

COMPUTER ENGINEERING AND SCIENCE, GURU GOBIND SINGH GOVT. POLY.
This program was a 3-year diploma, where I learned the basics of computer languages and skills to solve computer problems.