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| ASHISH BASTOLA | | |
| **CONTACT**  **Address:**  Mahendrapool-9, Pokhara, Nepal  **Phone:**  +977 9843500699  **Email:**  [abastola0@gmail.com](mailto:abastola0@gmail.com)  **LANGUAGES**  Nepali  English  Hindi |  | **EDUCATION**  BE: Nitte Meenakshi Institute Of Technology, Bangalore, India  High School: Kathmandu Model College, Kathmandu  **Research And Projects**  01/2019 - 03/2019  Self-Driving Car Model  Responsibilities:   * Implementation of Convolutional Neural Network to train and predict the throttle and steering angles in a model Track * Integration of WLAN, for vehicle to be controlled by remote Server * GPS Navigation * Road Feature Detection(Traffic lights, Pedestrians) * Obstacle Detection using Ultrasonic Scanning * Refer: <https://github.com/abastola0/realtime-self-driving-car>   02/2019 – 04/2019  Aircraft-Autopilot-System  Responsibilities:   * Autopilot Attitude Control with Analog Sensitivity Adjustments * Standby over a specified set Radius using Yaw Adjustments * Collection of Atmospheric Concentration data for Gasolines, Humidity, Temperature and log those data to provided memory * Can be Operated over Internet(Currently over WLAN) * Refer: <https://github.com/abastola0/Aircraft-Autopilot-System>   11/2018 – 01/2018  Robotic Arm Control Using Hand Gestures  Responsibilities:   * Implementation of OpenCv for image processing * automated thresholding procedure makes segment(to be tracked) selection in a frame easier * Based on objective to automate Earth Moving equipments * Refer:<https://github.com/abastola0/Robotic-Arm-Control-Using-Hand-Gestures>   For More Projects refer my GitHub : [github.com/abastola0](http://github.com/abastola0)  **EDUCATION**  Bachelor Degree of Mechanical Engineering, Nitte Meenakshi Institute Of Technology(2015 - 2019)  High School, Kathmandu Model College(2013-2015)  **ADDITIONAL SKILLS**  Programming: Python, Matlab, C++, HTML, Java, Javascript  Extracurricular: Guitar, Singing |