Darshil Chanpura

Developer.Designer

> Blog (http://dtchanpura.github.io)

Profile

Absorbing as much as knowledge one can towards some cross-platform technologies and use them as per the demand. Ready to learn new technologies and work upon them. Flexible to work upon hardware/firmware or software.

Technical (Software)

1. HTML/CSS
2. Javascript
3. Java
4. Python
5. OpenCV (on C++ and Python)
6. Matlab/Octave
7. Git Version Control
8. Linux

Techinal (Hardware)

1. Raspberry Pi
2. Arduino
3. Micro-controllers

Experience

Cognizant Technology Solutions, Chennai *(October 2014 - present)*
Programmer Analyst Trainee
Training for better field level understanding of Core and Advanced Java. Worked upon a pseudo real-time project learning the importance of different documentation while developing a project.

Projects

Eye Tracking based on OpenCV
Final year project carried out at IIT Gandhinagar This project has its requirement of OpenCV for detecting the eye pupil using a simple USB camera. The objective was to make an inexpensive eye tracker which is actually fulfilled by an USB camera and OpenCV (Open Source Libraries for Computer Vision)
Tweet Monitor
A side project as an hands-on on Raspberry Pi A simple Raspberry-Pi project using "Twython" Python Module which shows the recent tweets on a Character LCD connected to it querying the search tag or user.
Digital Watermarking
A semester project This project was a survey of comparing different algorithms of watermarking also showing what are the differences in all those methods.
Home Automation
A semester project A simple home automation (without IoT) using a TV remote control as a part of semester projects in college.

Academics

Bachelor of Engineering Degree *(June 2010 - July 2014)*
Electronics and Communication Engineering CPI: 7.98
Vishwakarma Government Engineering College, Ahmadabad

Extracurricular Activities

- Participated in a workshop on Ethical Hacking by at Nirma University - 2010
- Participated in Workshop on The Sixth Sense Botz using Arduino Kits in Footprints at MSU-Baroda - 2012.
- Participated in a two day meetup of KDE at DA-IICT – 2013
- Organized and Trained in Workshop on Image Processing at TechnoAspire'13 VGEC, Chandkheda.
- Participated in three day conference of KDE talks at DA-IICT – 2014.

Contact Details

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