

Kshitiz Kafle

Link marga, 977/5

Kuleswor, Kathmandu

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9843193019

EDUCATION

Engineering in Electronics and Communication, 2014-2018 – Kathmandu Engineering College.

Higher Secondary Education Board, HSEB, 2012-2014 – Gems Institute Of Higher Education, GIHE.

NEPAL GOVERNMENT SLC BOARD, 2012 – Graded English Medium School, GEMS.

SKILLS

Technical

- Languages: C,C++, Arduino, Basic JAVA, JavaScript, ReactJS, NodeJS(express), jQuery, HTML5, CSS3, BOOTSTRAP, Basic postgres SQL
- Software: Arduino, MS office, MATLABBS, netbeans, sublime text, codeblocks, CISCO packet tracer

ACTIVITIES AND PARTICIPATION

- roboGP -1st runner UP
- Robodrift 4.0
- Robotics Workshop

ACADEMIC PROJECT

ACCIDENT PREVENTION UNIT

- A prototype of a unit was designed, which was used to study the eye pattern of a vehicle driver to detect weariness or fatigue in him/her and to sense alcohol consumption by the driver and take corresponding actions.

BIONIC ARM

- A myoelectric prosthetic arm was developed for amputees, which could perform several hand gestures.

LINE FOLLOWING ROBOT WITH MANUAL ZONE

- A robot was built which could switch to manual remote-controlled mode and automatic line following mode.

REFERENCES

Er. SURENDRA KHATRI

Lecturer/Major Project Supervisor

Kathmandu Engineering College

9851183969