Swapnil Man Joshi

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# **Education**

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| --- | --- | --- | --- |
| Degree | Board | Institution | Year |
| SLC | Nepal Government | Graded English Medium School | 2011 |
| Intermediate | HSEB | GEMS Institute of Higher Education | 2013 |
| Bachelor | Tribhuvan University | Kathmandu Engineering College | Ongoing |

# **Technical Skills**

* Programming Language: **C**, **C++**, **Python**, **PHP**
* Knowledge of web development and web hosting
* Knowledge of Artificial Intelligence, Machine Learning and Machine Vision
* Knowledge of Data Mining and Big Data

# **Projects**

### **Classmate**

* Companion app for students and teachers on Android and web
* Aid students and teachers at managing classes, assignments and other college activities
* Updates schedules for classes, assignments and other activities real-time

### **Dristi: Object Detection using Convolutional Neural Network**

* Computer vision application for detecting and describing objects in an image.
* Implementation of artificial intelligence and machine learning to produce a description of an image and present it in speech as output

# **Area of Interest**

* Artificial Intelligence
* Machine Learning
* Machine Vision
* Big Data

**Achievements**

* Runner-up, Photography, Ace Kaleidoscope 2012
* Runner-up, iCode 2014
* Runner-up, Badminton Singles, Sports Week 2015
* Runner-up, Badminton Mixed Double, Sports Week 2016

**Non-Academic Activity**

* Program Co-ordinator, KEC IT Club (2015 - 2016)
* Treasurer, KEC IT Club (2016 - present)

# **Hobbies**

* Programming
* Music
* Photography