

# Praveen Acharya

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## EDUCATION:

**M.E Computer Engineering** (2014 – present);

*Kathmandu University, Dulikhel, Kavre, Nepal*

**General Courses:**

Advanced Software Engineering, Mathematics for Computer Science, Design and Analysis of Algorithm, Research Methodology, Advanced Database Management System, E-Government, Cloud Computing.

**B.Tech Computer Science and Engineering** (2014); Cumulative GPA: 7.50/10

*National Institute of Technology, Calicut, Kerala, India*

**Elective Courses:**

Data Mining, Natural Language Processing, Pattern Recognition, Artificial Intelligence, Design and Analysis of Algorithm, Topics in Algorithm, Computer Architecture, Web Programming.

**Intermediate of Science** (2009); GPA: 71.62/100

*St. Xavier's College, Kathmandu, Nepal*

## EXPERIENCE:

**Graduate Teaching Assistant** (Feb, 2015 – Aug, 2015)

*Kathmandu University, Department of Computer Science and Engineering*

- Assisted in teaching, monitoring and grading undergraduate engineering student for the course **Object Oriented Programming**.

**Student Intern**

*Language Technology Kendra, Nepal* (May, 2012 - July, 2012)

- Research and development of English-Nepali bilingual dictionary.
- Designing and developing of an android application.
- Incorporating available linguistic resources to the application.

## SKILLS AND PROFICIENCIES:

**Languages:** Nepali (native), English, Hindi

**Operating systems:** Windows, Ubuntu

**Programming Languages:** C, C++, HTML, PHP, SQL, Python

**Software:** Matlab, MS Office

## PROJECTS:

- Personal webpage using CSS3, HTML5, Bootstrap 3 and Jekyll.
- A simple simulation of fire propagation in Wireless Sensor Network using WSNet/Worldsensor simulator.

- “Hand Gesture Recognition System” using Artificial Neural Network.
- Developing a compiler for SIL (a language similar to C) using Lex and Yacc in C.
- Implementation of a classifier to recognize the characters in one's name (handwritten).
- *Sabdakosh* – An English-Nepali bilingual dictionary in Android.

#### **MISCELLANEOUS:**

- Certified registered computer engineer of "A" category by the Nepal Engineering Council, 2016.
- Completed the course “Machine Learning” in Coursera (2015).

#### **RESEARCH INTEREST**

- Artificial Intelligence
- Machine Learning
- Natural Language Processing
- Data Mining

#### **REFERENCES:**

Available upon request.