Praveen Acharya

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EDUCATION:

M.E Computer Engineering (2014 – present);
Kathmandu University, Dulikhel, Kavre, Nepal

B.Tech Computer Science and Engineering (2014); Cumulative GPA: 7.54/10
National Institute of Technology, Calicut, Kerala, India

Intermediate of Science (2009); GPA: 71.62/100
St. Xavier's College, Kathmandu, Nepal

EXPERIENCE:

Course Instructor (Jun, 2016 – Aug, 2016)
Kathmandu University, Technical Teaching Center

- Trained and taught students the fundamentals of computer as part of the course ***Basic Computer Concept.***

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

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.
- Completed the course “How to use Git and GitHub” in Udacity.

RESEARCH INTEREST

- Deep Learning
- Machine Learning
- Natural Language Processing
- Data Mining

REFERENCES: Available upon request.