

Uttam Sapkota

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Profile

A well-presented, good all round performer who when given a task, has ability to work quickly and efficiently. I have a proactive attitude and strong work ethic. I am now looking for a suitable intern position with an organization that can offer me a learning opportunity and fascinating working environment.

Education

BACHELOR'S DEGREE IN COMPUTER ENGINEERING | 2014-2018 | KATHMANDU UNIVERSITY

- CGPA – 3.50

+2 DEGREE IN SCIENCE STREAM | 2014 | VALMIKI SIKSHA SADAN H.S.S

- Pass with distinction (80.60%)

SCHOOL LEAVING CERTIFICATE | 2012 | VALMIKI SIKSHA SADAN

- Pass with distinction (85.88%)

Technical Skills

- Languages: C/C++, Python, JAVA, HTML, CSS
- Frameworks and Libraries: Spring Boot / Spring MVC, Numpy, Scipy, Pandas, Scikit-learn, Tensorflow
- Tools : Maven, Gradle, Tomcat, Falcon and Flask
- Operating Systems: Windows, Linux, Android
- Database Systems: MongoDB, MySQL

Experience and Trainings

- Software Engineer Intern at Fusemachines Nepal. (2018 June – Currently)
 - Develop a full-fledged web application using Spring Framework.
 - Learned the basics of ML and able to do an ML/DL project end-to-end.
 - Implementation of Linear and Logistic Regression (with Gradient Descent) using Numpy

- Worked on a deployable project using ANN with Keras, Falcon for Nepali Handwriting Classification.
- Research new technologies
- Learn and improve skills
- Event manager at Nep-Hack(Pen Testing event) in ITMEET 2018
- Organized NodeJS, ReactJS, Design, Machine Learning workshops as Pre-event of ITMEET 2018 Volunteered in Localization Event in ITMEET 2017
- Organizer at Network Security workshop by DC977 (Network Security Community of KU)
- Attended various Workshops regarding Machine Learning, Python, Artificial Intelligence, Web Development, Android Development.

Some Personal Projects

MODERN PERIODIC TABLE

An android application for visualization of periodic table and electronic configuration etc. using C++ and allegro library.

WHACK-A-MONKEY

An android game using Java and libGDX framework.

SELF-EMPLOYED NEPAL

A “freelance” like website developed using PHP with Laravel5 framework.

- <https://github.com/uttsap/selfemp>

DOCTOR SATHI

An android application that helps user to search hospitals, blood donors and also find information about first aid methods and diseases.

- <https://github.com/uttsap/DoctorSathi>

LIBRARY MANAGEMENT SYSYTEM

A website using HTML, CSS, PHP and MySQL for database.

LOCATE PLACES

A website in which users can search and add popular destination and gain information about, developed using MEAN Stack.

- <https://github.com/uttsap/L-places>
- <https://www.locateplaces.herokuapp.com>

BREAKOUT

Implementation of Asynchronous Advantage Actor-Critic in pytorch using LSTM and trained it on Breakout game provided in the OpenAI Gym.

- <https://github.com/subashbasnyat/machinelearning>

REDDIT CHATBOT

A Chabot powered by deep learning and trained on data from Reddit built on TensorFlow v1.5.1 and Python v3.6.4.

- https://github.com/uttsap/NLP_project