Nabin Bhattarai

CONTACT INFORMATION	AI Enthusiast, Researcher, Entrepreneur Maitidevi Kathmandu, Nepal	Phone: (977) 984-994-3298 E-mail: nbn.bhattarai99@gmail.com Website: nbhattarai.com.np Github: nbnbhattarai

OBJECTIVE

To expand my knowledge on AI and Machine Learning by getting involved in high quality Research. Work in an innovative and inspiring projects to help make the world a better place.

PERSONAL DETAIL

Full Name :	Nabin Bhattarai
Date of birth :	September 28, 1995
Nationality :	Nepali
Language :	English, Nepali
Sex, marital status :	Male, unmarried

INTERESTS

Artificial Intelligence, Entrepreneurship, Quantum Computation

EDUCATION

IOE, Central Campus Pulchowk, Kathmandu, Nepal   September 2013 – September 2017
Bachelor in Computer Engineering (BCT)

Himalayan WhiteHouse International College, Kathmandu, Nepal   July 2011 – August 2013
Higher Secondary Education Board (Science)

Jagannath Higher Secondary School, Ramnagar-1, Bhumahi, Nawalparasi, Nepal   April 2011
School Leaving Certificate (SLC)

AWARDS AND SCHOLARSHIPS

Scholar, Bachelor in Computer Engineering IOE Pulchowk Campus   2013.

- Scholarship for tuition fees during 4 year bachelor program.

HSEB Scholar Himalayan Whitehouse International College   2011.

- Scholarship for tuition fees for 2 year of Higher Secondary program.

ChildApp Award For Project SMS care 2015.

TECHNICAL SKILLS

Programming and Scripting Languages: Python(preferred), C/C++, Bash, JavaScript
AI Frameworks and Libraries: PyTorch(preferred), TensorFlow, Sci-kit Learn
Libraries: Numpy, Pandas, Matplotlib
Web: Django, HTML5, CSS3, ReactJS
Mobile: React Native, Java
Operating Systems: Linux, Windows, Android
Database Tools: MySQL/MariaDB, PostgreSQL, SQLite3, MongoDB
Tools: Git, Emacs, LaTeX

CONFERENCES

International Conference on Computing Communication and Security (ICCCS 2018)   October 2018
Presenter

PUBLICATIONS	Music Recommendation Based on Personality Traits	ICCCS 2018, Kathmandu, Nepal

PROJECT SUPERVISION	Network Based Intrusion Detection System *College Project*	May 2019 - August 2019

PROFESSIONAL EXPERIENCE

Impact Lab & Innovation, Kathmandu, Nepal.   January 2018 – Present
R & D Engineer, Project Lead

- Responsible for Team Coordination

- Responsible for Python Web Application Design, Testing and Deployment

Big O Infotech, Lalitpur, Nepal.   April 2019 – August 2019
Software Engineer

- Mobile App Development with React Native

IT Training Nepal, Kathmandu, Nepal.   July 2018 – December 2018
Python Instructor

- Basic and Advanced Python Programming

- Web Development with Django Framework

- Basic Data Science and Analytic with tools such as Anaconda, Jupyter, numpy, pandas, Matplotlib

UNICEF Nepal, Kathmandu, Nepal.   January 2015 – April 2015
RapidPro Developer

- Responsible for Design and Testing of SMS flows in RapidPro SMS platform

- Responsible for Design of WebApp for SMS monitor

- Usage of RapidPro webhook

TRAININGS   Windows Store App Development, Android App Development, Arduino Programming

ONLINE TRAININGS
- Deep Learning*(Coursera)*
- Mathematics for Machine Learning: Linear Algebra*(Coursera)*
- Social Entrepreneurship*(edx)*
- Quantum Machine Learning*(edx)*

PROJECTS

Personality Based Music Recommendation System
Music recommendation system based on user's personality.
- Skill: Python, Django, HTML, CSS, Javascript, Semantic-UI

Satin Chatbot
A self learning chatbot program.

- Skill: Python, NLTK, Machine Learning

Speech Recognition System
Automatic speech recognition system for English Language.
- Skill: Python, Machine Learning, Feature Extraction(MFCC), Audio Processing

3D Rendering Software
3D Computer Graphics Rendering program.
- Skill: C++, SFML C++ Library

Nepalitype `https://www.nepalitype.com`
Web tutor for Nepali Typing. Personal Project.
- Skill: React.JS, Python/Flask

e3Chat
A end-to-end encrypted peer-to-peer audio/text chat program.
- Skill: C++, WxWidget, Network Socket Programming