Bishal Sarangkoti

Kathmandu, Nepal...

PHONE: +9779823859079

EMAIL: sarangbishal@gmail.com WEBSITE: https://bishalsarang.github.io

LINKEDIN: https://www.linkedin.com/in/bishal-

GITHUB: https://github.com/Bishalsarang s-310664bb/

BLOG: https://sarangbishal.blogspot.com/

Summary

An Undergraduate Computer Engineering student who is passionate about coding and solving problems. My areas of interest include competitive programming, algorithms, problem-solving, computer vision, web automation, data scraping, data visualization and writing about programming.

Education

Bachelors Computer Engineering Kathmandu University May 2016 - Present

Plus Two **PCMB** St. Xavier's College, Maitighar Jan. 2014 - Aug. 2016

Experience

Community Coordinator at KUCP

Jul. 2018 - Jul. 2019

- Community Coordinator at Kathmandu University Competitive Programming(KUCP) Group
- Organized Workshops on Competitive Programming and Problem Solving
- Organized Weekly Coding Contests

Projects

Al plays Baagchal

 An implementation of an AI to play the classic Nepali board game called Baagchal (Tiger and Goat) using the minimax algorithm.

Recursion Visualiser

- A simple python package to visualize recursive function which can be useful for academic purpose as well as debugging. It generates animation and draws the recursion tree.
- 200+ downloads from pypi

LeetCode Questions Scrapper

 A scraper written in Python to scrape algorithmic problems from leetcode.com and save as HTML and epub format.

Ballot Paper Counting System

• A computer vision-based project to analyze ballot paper(Nepal), count votes and display the result. The aim of the project is to make counting votes from ballot paper more efficient.

Codeforce Scrapper

 A simple scraping utility is written in Python to scrape contests of code forces, a competitive programming site and save it as pdf for offline use.

The Sign Language Platform

• Implementation of American Sign Language using computer vision and machine learning(CNN) Translates sign language to text and text to speech

Bishal Sarangkoti

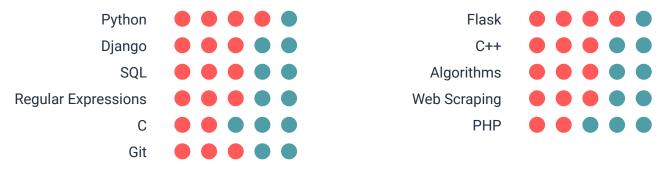
Digitized Info Wall

 A website for an academic institution that allows the creation of the group, chat, sharing news and announcements built using HTML, CSS, PHP, MYSQL

Staff and Student Management Software

Software to manage records of staff and students suitable for institutions built using QT and Sqlite.

Skills



Achievements

- Winner of NCE Yatra 3.0 2019 Coding Competition
- Ranked 8th among 25K+ participants in an online CPP contest hosted by Geeks for Geeks.
- Ranked 3rd in Hackerrank Contest Leaderboard from Nepal
- Ranked 7th in Nepali Samaj National Programming Contest

Certifications

- IBM: Python for Applied Data Science
- · Geeks for Geeks: Fork CPP
- Lynda.com: C++ Standard Template Library
- Pluralsight: Beautiful C++ STL Algorithms
- Datacamp: Python Programming Track

Participations

- NCE Yatra 3.0 Programming Contest
- Geeks for Geeks ForkCPP
- Nepali Samaj National Programming Contest II
- Nepali Samaj National Programing Contest |