

Nishan Khanal

COMPUTER ENGINEER / LECTURER

As a highly motivated and determined professional, I pride myself on my strong analytical skills and ability to quickly learn new technologies and skills. My dedicated approach to my work allows me to make valuable contributions to any team or project. I am highly proactive in my job, I enjoy learning and I am always willing to take on new challenges.

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EDUCATION

● Bachelor in Computer Engineering

Kantipur Engineering College,
Tribhuvan University

10/2016 - 04/2021

80.53%

● High School - Physical Science

Araniko Awasiya Higher Secondary School

07/2014 - 07/2016

82.7%

PROJECTS

GRE Vocab (08/2022 - 08/2022)

- A web-app to study GRE vocab with relevant functionalities
- <https://grevocab.pythonanywhere.com>

Imcryptor (Image Encryptor) (06/2020 - 02/2021)

- Image encryption implemented using chaotic logistic map.

Movie Recommendation System (06/2020 - 07/2020)

- A web-app that recommends movie using content filtering

Covid-19 Information Bot (05/2020 - 06/2020)

- A chat-bot in messenger that provides up to date info on covid-19 disease.

Two Factor Authentication System (05/2019 - 10/2019)

- A system that adds an extra layer of security. It is based upon generation of One Time Password (OTP) using Time-based OTP generation algorithm.

Chit-Chat with message scheduling (10/2017 - 11/2017)

- An android chatting application developed using firebase as real time database with the feature of message scheduling.

SKILLS

Languages

Python
JavaScript
C/C++
HTML/CSS
Bash
PHP

Databases

MySQL
PostgreSQL

ML Libraries

Tensorflow
Scikit-learn

FrameWorks

Django
Laravel

Others

Data Analysis & Visualization
Organizational Skill

AWARDS & ACHIEVEMENTS

- Full 4-year Scholarship in Computer Engineering
- Best Student in Mathematics among the batch of 2016

WORK EXPERIENCE

● 2020

Associate Software Engineer Intern

Technorio Inc. Private Ltd.

Responsible for developing web apps, Chat bots and tutoring juniors.

● 2021 - 2022

Assistant Lecturer

Kantipur Engineering college

Responsible for assisting in the formulation of course and lesson plans; graded test papers; taught theory classes and conducted practical labs for different subjects

● 2022- Present

Lecturer

Kantipur Engineering college

Responsible for entire coursework and labs for subjects like Computer Organization & Architecture, Operating Systems, Artificial Intelligence

PUBLISHED WORK

KEC Conference 2019

Implementation of Two-Factor Authentication in Nepal

IOE 14th Graduate Conference

Development of Roughness Evaluation Model Based on Existing Distresses for Asphalt Concrete Pavements

TRAININGS

Machine Learning Specialization

DeepLearning.AI and Stanford University certified course of Supervised Learning, Unsupervised Learning and Reinforcement Learning

Data Science with Python

Harvard X certified course

Analyzing Data With Python

IBM Certified Course

Scientific Computing with Python

Free Code Camp Certified Course

Relational Databases

Free Code Camp Certified Course

Algorithm and Data Structure;

Free Code Camp Certified Course in Javascript

Web Designing

HTML, CSS, Javascript

Web Development

Using Django