Kamal Byanjankar

An independent and self-motivated graduate seeking an opportunity to prove skills, willing to learn and maintain good co-operation with the team members.

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github.com/KamalByanjankar

WORK EXPERIENCE

Site Engineer
Bizinsider Tech Nepal

12/2014 – 03/2017   *Kathmandu, Nepal*

Conducts maintainance and operation of telecommunication sites as well as conducts survey in remote areas for feasibility study

Achievements/Tasks

- Team lead for GSM-BTS telecommunication sites
- Planning and Organizing team for survey
- Team lead for timely done reports

Contact: Bibek Singh

EDUCATION

Masters of Engineering in IT
Frankfurt University of Applied Sciences ⧉

10/2017 – Present   *Frankfurt am Main, Germany*

Courses

- Stochastic Signals and Systems
- Methods, Systems and Networks for Digital Communication
- Mobile Computing
- Computational Intelligence
- Distributed Systems and Computer Networks
- Digital Switching and Routing
- Automation Laboratory
- Development of Service Robot with NAO in Python

Bachelor in Electronics and Communication Engineering
Kantipur Engineering College, Tribhuvan University ⧉

08/2010 – 11/2014   *Lalitpur, Nepal*

Courses

- Microprocessor
- Computer Graphics
- Computer Network
- Telecommunication
- Wireless Communication
- Discrete Structure
- Computer Organization and Architecture
- Embedded System
- Filter Design
- Digital Signal Processing

SKILLS

Python   ● ● ● ○ ○

Javascript   ● ● ○ ○ ○

Web Development ● ● ● ○ ○

Java   ● ● ● ○ ○

Matlab (simulation) ● ● ○ ○ ○

PERSONAL PROJECTS

Minimizing a feature vector by using PCA (08/2019 – 11/2019)

- Capturing data using Ultrasonic sensor and implementing different Machine Learning Algorithms in frequency domain, comparing the accruacy of the algorithms, reducing the feature vector by using PCA

Parameter Estimation: Slope (10/2018 – 02/2019)

- Estimating the slope of a straight line under noisy measurement condition by using Linear Regression, predict the slope with different dataset

Protocol Emulator for IPv4 (10/2018 – 01/2019)

- This protocol is used to transfer a message in JSON format from Client to the Server using the different path that is from the intermediate routers connected in between client and server. The networking is performed in the Java platform.

LANGUAGES

English   ● ● ● ● ○

German   ● ● ○ ○ ○

INTERESTS

Cooking   Travelling   Reading   Music