Avinash Karn

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Sex Male | Date of birth 7 Aug 1994 | Nationality Nepalese

WORK EXPERIENCE

1. 2015-2016

Final year project on "DESIGN OF SPEED CONTROL OF THREE PHASE INDUCTION MOTOR BY CONSTANT VOLT/HERTZ METHOD USING MATRIX CONVERTER

- Proposal presented, proposal accepted, research performed, final project completion, presentation & final report submission
- Got acquainted with operation of a simulation based model of three phase induction motor using matrix converter
- Pre-model MATLAB simulation of Matrix Converter, an AC-AC converter, manipulated to operate and control an induction motor at various frequency and speed range

2. 2017-2017

Freelancing Intern Trainee in Electrical Design for Ravindra Memorial Hospital, Lado Bela, Janakpur
- Acquaintance with AutoCAD regarding Electrical Design
- Got familiar with lighting circuit design, power circuit design, AC circuit design, fire alarm circuit design and telephone circuit design for non-commercial building

EDUCATION AND TRAINING

1. 2012-2017

Bachelor's Degree in Electrical Engineering

Institute of Engineering, Pulchowk Campus, Tribhuvan University

Electrical Engineering

63.86%

2. 2010-2012

+2, HSEB

Caspian Valley Higher Secondary School

Science

77.80%

3. 2009-2010

School Leaving Certificate (SLC), Nepal Government

Daffodils Public School

80.63%

PERSONAL SKILLS

Mother tongue(s): Maithili

Other language(s):

1. Nepali

* UNDERSTANDING

- Listening: C2

- Reading: C2

* SPEAKING

- Spoken interaction: C2

- Spoken production: C2

* WRITING: C2

2. English

* UNDERSTANDING

- Listening: C1

- Reading: C1

* SPEAKING

- Spoken interaction: C1

- Spoken production: C1

* WRITING: C1

3. Hindi
* UNDERSTANDING
- Listening: C1
- Reading: C1

* SPEAKING
- Spoken interaction: C1
- Spoken production: C1

* WRITING: C1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2 Proficient user
Common European Framework of Reference for Languages

Communication skills

Good communication skills gained by my experience with client during my Freelancing Electrification Design

Organizational / managerial skills

- Served as Programme Co-ordinator in Saraswati Pooja organized by Nepal Terai Bidyarthi Navajagaran Sangh (NTBNS), IOE, Pulchowk Campus in 2016
- Served as Vice President in Saraswati Pooja organized by Nepal Terai Bidyarthi Navajagaran Sangh (NTBNS), IOE, Pulchowk Campus in 2015
- Served as Member in Saraswati Pooja organized by Nepal Terai Bidyarthi Navajagaran Sangh (NTBNS), IOE, Pulchowk Campus in 2013
-Participated in Seminar on "Recent trends in Power System" by 11th National Technological Festival organized by LOCUS held at IOE, Pulchowk Campus from 20 June, 2014 to 22 June, 2014

Digital skills

SELF-ASSESSMENT

Information processing: Proficient user

Communication: Proficient user

- Good command over Microsoft office (Microsoft Word, Excel and Power Point)

- Fluency in AutoCAD and MATLAB

- Grip on programming language as C, C++, Python (basics)