

RESUME

Madan Raj Upreti

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Date of birth: 31s May 1992

Education

1. 2015-2017: Master degree in Computer Science, South Asian University New Delhi, India-110021 (GPA: 5.90)
2. 2009-2013: Bachelor degree in Computer Science & Information Technology, Tribhuvan University, Siddhanath Science Campus Mahendranagar, Nepal (69.62%)
3. 2007-2009: Intermediate in Science, Radiant Higher Secondary School Mahendranagar, Nepal
4. 2006: SLC Board, Shree Mahendranagar Higher Secondary School, Mahendranagar, Nepal

Areas of Interest

Real time system, Cyber physical system, embedded system, Soft Computing, shell scripting, Network security

Work Experience

- * July 2014 - August 2015: Coordinator and computer science teacher in secondary level, Arun Deep Academy New-Baneshwor, Kathmandu
- * April 2011 - June 2014, Computer science teacher in secondary level, Ace Public School Mahendranagar

Thesis

1. Energy efficient task scheduling in cyber physical system (in MSc)

Description: This thesis work describes the multi-objective scenario of cyber physical world using different real time compliances with the use of widely accepted and implemented evolutionary algorithms i.e. NSGA-II and SPEA2 for our project work.

2. Project done on secure communication channel with RSA and MD5 using Java programming (in BSc)

Technical Skills

- * Core Area: MATLAB, JAVA, J2EE, Servlets, JSPs
- * Programming Language: C/C+, JavaScript, Putty Shell Scripting, Prolog
- * Databases: MySQL, DB2, Oracle. SPSS, Microsoft Access
- * Platforms: Windows 98/2000/XP/7, Red Hat, Ubuntu
- * Frameworks: CodeIgnitor, Joomla
- * Others: LATEX, MS Office/ Open Office, MS Visio, MS Publisher, Photoshop.

Awards

South Asian University Scholarship in Master of Science in Computer Science

Paper Presented/Seminar/ Workshop Attended

1. IMLA 2016, International workshop on Machine learning and its application.
2. One day workshop on Nature inspired Optimization Techniques in South Asia University-2016.
3. Paper presentation on recent trends in Real time databases.
4. Paper Presentation on An Efficient Test Method for Rate monotonic Schedulability in real time system.

Linguistic Proficiency

Nepali: Native

English and Hindi (Proficient in reading, writing and speaking)

References

1. Pranab K. Muhuri, PhD

Assistant Professor

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Akbar Bhawan, New Delhi-110021.

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2. Manohar Lal, PhD

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3. Anil Bhatt, MBA

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