AAMOD KHATIWADA

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RESEARCH INTERESTS

Data discovery and integration, Knowledge Base, Semantic Web, Data Lake management

EDUCATION

Northeastern University, Khoury College of Computer Sciences, Boston, MA, USA *Sep 2020 - Present*
PhD in Computer Science
Advised by: Dr. Renée J. Miller

Tribhuvan University, Institute of Engineering (IOE), Kathmandu, Nepal *Nov 2014 - Nov 2018*
Bachelor's Degree in Electronics and Communication Engineering
Distinction, Department Topper

PUBLICATIONS

- **A. Khatiwada**, G. Fan, R. Shraga, Z. Chen, W. Gatterbauer, R. J. Miller, M. Riedewald, *"SANTOS: Relationship-based Semantic Table Union Search* (submitted)
- **A. Khatiwada**, P. Kadariya, S. Agrahari and R. Dhakal, "*Big Data and Deep Learning Based Sentiment Analysis System for Sales Prediction*," in IEEE International Conference on Innovating Technology for Humanity, Pune, 2019. pp. 1-6.

EXPERIENCE

Data lab, Northeastern University, Boston, MA, USA *Sept 2020 - Present*
Graduate Research Assistant

Tribhuvan University, Kathmandu, Nepal *Nov 2018 - Jan 2020*
Teaching Assistant

Vortex Energy Solution, Lalitpur, Nepal *Apr 2017 - Mar 2018*
Undergraduate Research Assistant

AWARDS AND EXTRA CURRICULAR

- Awarded as **the best undergraduate student** at Electronics and Computer Department, Tribhuvan University, Nepal for three consecutive years (Sophomore, Junior and Senior)
- Addressed about 500 High School Graduates as a Key Speaker on the topic of "Prospect of Information Technology in Nepal" on Education Fair, Jhapa, Nepal (Jun 2018)

SKILLS

- **Programming:** SPARQL, Python, C, C++, PHP, SQL, JavaScript, Java, Solidity, MATLAB, Assembly Programming
- **Tools and frameworks:** Hadoop MapReduce, Spark, Laravel, jQuery, D3, LaTeX

GRADUATE COURSEWORK

Information Visualization (project: *https://ak53amod.github.io/theta-join-visualization*), Distributed Systems, Principle of Scalable Database Management, Advanced Algorithm, Large Scale and Parallel Data Processing