

# AAMOD KHATIWADA

🔗 <https://ak53amod.github.io> ✉ [khatiwada.a@northeastern.edu](mailto:khatiwada.a@northeastern.edu)

📍 Boston, Massachusetts ☎ +1 (806)-401-2973

## 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:**
  - **Proficient:** SPARQL, C, C++, Python, SQL, PHP, JavaScript, Java
  - **Beginner:** Solidity, MATLAB, Assembly Programming
- **Language:** English (fluent), Hindi (fluent), Nepali (Native Fluency)
- **Tools and frameworks:** Hadoop MapReduce, Spark, Laravel, jQuery, D3,  $\text{\LaTeX}$

## 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