

ARJUN DAHAL

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Introduction

I am a third-year Ph.D. student in Computer Science and Engineering at the University of Texas at Arlington. My research focuses on testing machine learning systems and explainable artificial intelligence (XAI).

Education

Ph.D. in Computer Science (Aug 2022 - Present)

University of Texas at Arlington - Arlington, Texas, USA

GPA: 4.0

BE in Electronics and Communication Engineering (Sept 2018 - Nov 2014)

Tribhuvan University, Institute of Engineering - Pulchowk, Nepal

Projects

Nepali Speech Recognition Using RNN-CTC Model

Developed a speech-to-text model for the Nepali language using Recurrent Neural Network (RNN) with Connectionist Temporal Classification (CTC) loss. This project focused on transcribing Nepali speech into text. [link](#)

Professional Experience

Solutions Engineer

Logpoint (Dec 2018 – Aug 2022)

- Troubleshoot issues related to network and Linux systems during integration and operation of Logpoint SIEM and SOAR solutions in customer environments.
- Migrated Logpoint solutions from bare-metal installations to hypervisors or cloud platforms.
- Created scripts, dashboards, alerts, and playbooks to address monitoring and compliance use cases.
- Collaborated with customers from diverse geographical regions to debug issues in their production environments via video calls and email.
- Trained new hires on authorization, authentication, and compliance in the Nepalese IT industry.
- Mentored junior team members to enhance their technical and professional skills.

Awards and Honour

IOE Entrance Examination (2014)

- Ranked in the Top 100 out of 12,000 applicants.
- Received a full scholarship for a Bachelor's in Engineering.