

# NISHAN LAMA, EIT

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📍 Carbondale, IL, 62901

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## Profile

Motivated graduate student specializing in **structural engineering** seeking **summer internship** (*wiling to relocate*) and passionate about design and analysis of structures with strong analytical and programming skills. Always motivated to take on new challenges and continue learning new things. Goal driven and diligent to ensure quality and timely project execution.

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## Education

**M.S. in Civil Engineering – Structural Engineering** (Expected May 2026)

Southern Illinois University

- Current GPA 4.0/4.0

**Bachelor's Degree in Civil Engineering** (2017 – 2021)

Tribhuvan University, Nepal

- Final year project: “Design and Analysis of RCC Cast In-situ Bridge”
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## Relevant Coursework:

Structural Design of Highway Bridge, Structural Steel Design, Seismic Design of Structures, Design of RCC Structures, Structural Dynamics, Theory of Structures, Concrete Technology and Masonry Structures, Surveying, Transportation Engineering, Estimating & Costing, Foundation Engineering

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## Skills

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|--|-------------------------------------|
| ▪ Structural Analysis and Design         | ▪ Adaptability and problem solving  |
| ▪ Cost Estimation                        | ▪ Project coordination and teamwork |
| ▪ Site Supervision and Quality Assurance | ▪ Programming (Python, MATLAB)      |
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## Software

AutoCAD | ETABS | STAAD Pro | Civil 3D | Word | Excel

## Engineering Codes

AISC | AASHTO | ASCE/SEI 7-16 | IBC | IS 456 | IS 1893 | IS 13920

## Certifications and License

- FE Civil, Michigan PE Board
  - Registered Civil Engineer, Nepal Engineering Council (NEC)
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## Professional Experience

**Graduate Research Assistant**

*Southern Illinois University (2024-Present)*

- Conducting research on explainable AI for seismic response prediction

**Graduate Teaching Assistant**

*Southern Illinois University (2024-Present)*

- Grading assignments of CE 340 (Structures)

**Civil Engineer**

*Ustaad Engineering Consultancy Pvt. Ltd. (2021-2024)*

- Performed structural analysis of residential and commercial buildings, compliance with design standards
  - Prepared detailed cost estimation of civil works and drafted structural drawings
  - Served as site engineer interpreting and executing construction plans ensuring quality control and adherence to project timeline
  - Coordinated project activities between architects, contractors, engineers and clients for seamless project execution and on time completion
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