

# Rabin Shrestha, EIT

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## Objective Statement

Seeking summer internship or full-time job in civil engineering (construction)

## Education

### **PhD, Civil and Environmental Engineering and Construction**

University of Nevada, Las Vegas

January 2021 – August 2024

Dissertation: Automated Detection of Project Uncertainties Impact in terms of Cost and Schedule Changes in New Projects Through Analysis of Historical Bid and Change Order Documents using Artificial Intelligence (AI) tools.

### **MS, Water Resources Engineering**

Pulchowk Campus, TU, Nepal

2013 –2015

### **BE, Civil Engineering**

Advanced College of Engineering and Management, TU, Nepal

2007 –2011

## Engineering Experience

### **Civil Engineer**

January 2015 – December 2020

*Nepal Electricity Authority, Kathmandu, Nepal*

- Produced design, drawings using ACAD, quantity take-offs and detailed cost estimates of project components.
- Provided technical assistance in site supervision as well as contract bill preparation.
- Project planning, contract handling and project management of various projects.

### **Civil Engineer**

December 2011 – December 2012

*Mahadev Khimti Nirman Sewa, Nepal*

- Performed Field Survey, Design and Drawing using ACAD and Quantity Estimating using MS-Excel software.
- Construction supervision and contract bill preparation

## Teaching Experience

### **Graduate Teaching Assistant**

January 2021 – ongoing

*University of Nevada Las Vegas*

- Conducted Estimation Lab classes to Civil Engineering Students using HeavyBid and Ms-Excel.

### **Lecturer (Civil Engineering Subjects)**

February 2013 – January 2015

*Cosmos College of Management and Technology, Nepal*

- Taught theory and practical classes of Fluid mechanics, Hydraulics, Hydrology to Civil Engineering Students.

## Technical Skills

Design Software (SAP) | Drawing Software (AutoCAD, Civil3D) | Estimating Software (HeavyBid, Excel | Project Management Software (Primavera P6, MS Project) | Programming Software (Python, R) | Hydrological Modelling (GIS, HEC-HMS) | Microsoft office – Intermediate level.

## Certification and Affiliations

- Engineer-In-Training (EIT) certification in 2024.
- OSHA 10 Hour Outreach Training Program – Construction (2024)
- Member | American Society of Civil Engineers ASCE (2024)

## Honors and Awards

- Recipient of the best paper award at ICCEPM 2022 (International Conference on Construction Engineering and Project Management) in Las Vegas, Nevada, June 20-23, 2022.
- Recipient of the “Wolzinger Family Engineering Scholarship” awarded by UNLV (2023)
- Recipient of the “Summer Doctoral Research Fellowship” awarded by Graduate College, UNLV (2023)