

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)