Deshna Maharjan

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EDUCATION

BS Civil Engineering, Portland State University, Portland, OR *In progress*
Expected Graduation: Spring 2027
Notable Coursework: Plane surveying, Indeterminate Structures, Soil Mechanics, Hydraulics, Reinforced Concrete and Slope Stability (coursework in progress)

SKILLS

Technical – Experience with Excel and Microsoft Suite, AutoCAD and Revit (Basic proficiency), Python (coursework in progress)
Communication - English, Nepali, Newari, Hindi

RELATED EXPERIENCE

Undergraduate Research Mentor Program (URMP) **Portland, OR**
Research Experience for Undergraduates (REU) - Research Assistant *June 2026 – Present*

- Conducted specialized laboratory soil analysis including Atterberg Limits, hydrometer analysis, and specific gravity testing to deliver accurate data for commercial client projects.
- Assisted in investigating ultrasonic soil separation processes to improve the isolation and analysis of silt particles.

Portland State University **Portland, OR**
Campus Recreation Center - Member Service Assistant II (MS Lead) *Nov. 2023 – Present*

- Handle financial transactions, including till verification and secure cash deposits, while delivering efficient customer service in a fast-paced, public-facing environment.
- Recognized with the Campus Rec Values Award and Emerging Leader Award for leadership, reliability, and teamwork.

International Cultural Service Program (ICSP) **Portland, OR**
Coordinator *Sept. 2024 – Present*

- Lead a 20-member team through bi-weekly meetings and develop members in leadership and public speaking to plan and deliver cultural presentations and workshops
- Oversee 90+ hours of community service by managing presentation and workshop requests from PSU departments and external organization.

American Society of Civil Engineers (ASCE) - Concrete Canoe **Portland, OR**
Member *Nov. 2025 – June 2026*

- Helped design, build, and race a concrete canoe competition, performing slump tests, preparing test samples, and collaborating with teammates on mix design and testing procedures

PSU Society of Women Engineers (SWE) **Portland, OR**
VP of Professional Development *Jul. 2025 – June 2026*

- Oversaw scheduling and logistics to plan and execute student-focused events in collaboration with external organizations.
- Developed networking events, mentorship initiatives, and share resources to enable student engagement and leadership development.