

Nadeem Hanayneh

nadeem2@pdx.edu

Education:

- Master of Science in Geotechnical Engineering (Expected Graduation: Spring 2027)
Portland State University, Portland, OR.
- Bachelor of Science in Civil Engineering (2025)
Portland State University, Portland, OR.

Engineering Work Experience:

Modern Railway Systems | Intern | Summer 2022-Fall 2022

- Worked on a team as a contractor for TriMet in the Build a Better Red project, expanding the Max red line through the PDX airport and Hillsboro.
 - o Managed diverse documentation tasks, improving accessibility and readability. Developed and submitted numerous submittals, including Requests for Information (RFIs) to clarify project status.
 - o Created detailed work plans and drawings for various construction projects using Bluebeam.

City of Portland, Bureau of Transportation | Intern | Summer 2024-Winter 2024

- Worked on the Traffic Operations 'Quick Build' team doing road-way design and responding to community requests.
 - o Developed work orders and designs for road-way improvements within Microstation and Bluebeam with an emphasis on safety and code-based design standards.
 - o Processed data to perform analysis on code-based requirements to determine how to approach a given project.

Portland State University | Geotechnical Research Assistant | Winter 2024-Summer 2025

- Executed tests on soil specimens in support of academic research and upon request from local geotechnical consulting firms in support of consulting projects.
 - o Authored concise technical reports detailing test results on soil specimens in a concise manner.
 - o Coordinated daily testing schedules and resource allocation alongside graduate students and faculty to ensure efficient utilization of specialized lab equipment and timely delivery of project milestones.

Skills:

- Operation & Data Analysis for Geocomp Cyclic Direct Simple Shear Device and 1-Dimensional Compression Device (Consolidometer)
- Soil Index Testing in Accordance with ASTM Standards
- Computer Assisted Design Software (CAD)
- Microsoft Suite
- Bluebeam PDF Processor
- Python Script for Data Processing