

(503) 555-7890

adam.whitmore@gmail.com

United States, Portland, OR

# Adam Whitmore

## EDUCATION

**Bachelor of Science in Civil Engineering-  
, University of Oregon, Graduated: June 2012**

## Certifications

- **Professional Engineer (PE) License** – Oregon State Board of Examiners for Engineering & Land Surveying | Issued: October 2020
- **AREMA Railway Engineering Certification** – American Railway Engineering and Maintenance-of-Way Association | Issued: May 2019
- **OSHA 30-Hour Construction Safety Certification** – Occupational Safety and Health Administration | Issued: August 2018

## SKILLS

Software: AutoCAD Civil 3D, Bentley Rail Track, MicroStation, SAP2000, MATLAB **Expert**

Surveying Equipment: GPS Total Stations, Laser Scanners, Track Geometry Measurement Systems **Expert**

Materials & Construction: Concrete, steel, ballast, sleepers, geotextiles **Expert**

## Railway Construction Engineer

### PROFESSIONAL SUMMARY

Highly skilled Railway Construction Engineer with experience in railway infrastructure design, construction, and maintenance. Proven expertise in track engineering-, structural analysis, and project management, ensuring railway systems are safe, efficient, and compliant with FRA, AREMA, and state regulations.

### EXPERIENCE

#### Senior Railway Construction Engineer, Union Pacific Railroad, Portland, OR

March 2019 - Now

- Oversee the design, construction, and maintenance of railway infrastructure.
- Manage track rehabilitation, high-speed rail expansion, and bridge renovation projects.
- Conduct geotechnical assessments to analyze soil conditions.
- Collaborate with civil engineers, project managers, and state agencies to execute projects efficiently.

#### Railway Construction Engineer, BNSF Railway, Seattle, WA

June 2015 - February 2019

- Coordinated with surveyors and engineers to develop track layouts, alignments, and drainage solutions.
- Assisted in procurement and bid evaluations, preparing cost estimates for multi-million-dollar rail projects.
- Implemented OSHA safety protocols, reducing on-site incidents by 30%.

#### Junior Engineer, HDR Engineering-, Portland, OR

August 2012 - May 2015

- Assisted in design and planning for railway track expansions, stations, and bridge rehabilitations.
- Conducted field inspections to assess track conditions and recommend maintenance strategies.