

Job Title: Washington State Department of Transportation Digital Delivery Intern – Remote Work

Job Description: WSDOT is seeking a college student to participate in our digital delivery transition. The position will learn how the agency is seeking to transform and assist in that transformation focusing on merging the worlds of software programming and data management with civil engineering. This intern position is unique as we are seeking a new skillset: a mix of software engineer and civil engineer. As such, we are seeking a candidate who is strong in one of these areas with the skills to learn the other. If you are interested in helping us explore this digital transformation, then you'd be great for this position.

Responsibilities: There are three possible projects. First, advancing the development of a GIS application for construction inspection. Second, developing OpenRoads reports for sign installation, relocation, and removal. Third, developing data dictionaries for traffic assets. What you will work on depends on your skillset and background.

Learning Objectives: Throughout this internship, the intern will: *Learn how the WSDOT currently delivers projects and seek ways to improve that process through the application of technology.*

Requirements:

- Base understanding of one of the following: SQL databases, Bentley OpenRoads, or ArcGIS experience builder
- College students focused on software programming, database management, or civil engineering
- Excellent verbal and written communication skills
- Excellent computer skills

We are looking for students:

- Interested in web-based ArcGIS applications, Bentley OpenRoads, SQL databases
- Interested in understanding more about engineering work at a transportation agency and how we are transitioning to a digital process
- Who are responsible and dependable
- Able to work from home independently, as well as in-person for field days with various subject matter experts