



Job Title: *Senior Development Engineer*

Reports to: *Senior Management*

Revision Date: 11/19/2018

### Position Overview

Dynamic Solutions International, LLC (DSI) is committed to providing our clients with solutions to their Water Resources, Hydrodynamic, Sediment Transport and Environmental challenges through innovative planning and engineering with the application of state of the art techniques and computer models and related tools. This position will primarily be providing model development support for direction to the engineering tools development team.

### Requirements

- Bachelors or higher in Engineering
- 5+ years of experience developing engineering applications
- 1+ year experience with FORTRAN with multi-threading and multi-processing experience, Microsoft Visual Studio and other common software development tools
- Excellent technical & presentation skills
- English language fluency
- Consultancy background desirable however not essential
- Must be willing to work full-time in Edmonds, Washington

### Capabilities/Qualities

- .Net Programming environment
- Be a team player, seeking to place the company and its coworkers ahead of personal gain
- Actively seek the growth of the company
- Will want to train and develop others, so that personal strengths are multiplied into others
- Familiarity with the Environmental Fluid Dynamics Code (EFDC) is preferred
- Familiarity with MPI is preferred

### Job Specifics

Assist with:

- Working with Chief Engineer and other Engineering team members
- Designing/updating and creating new features for DSI's engineering FORTRAN applications
- Working with Chief Engineer to validate, test and document software utilities
- Providing supervision programming and training for other programmers

NOTE: This job description is not intended to be all-inclusive. Employee may perform other related duties as negotiated to meet the ongoing needs of the organization.