



System Dynamics Modeler
Secret Clearance required

Transformation Systems, Inc.

Transformation Systems, Inc. (TSI), a successful DoD contractor with proven history of providing executive solutions within the government sector, is looking to fill a System Dynamics Modeler position in the Spring of 2016 pending several contract awards. The work location is the Washington DC Metro area. If you have an interest, a Secret Clearance, and relevant credentials, please email your resume and/or inquiry to jobs@transformationsystems.com.

System Dynamics Modeler

General Requirements

- U.S. DoD Secret Clearance is required. Current valid Secret Clearance is strongly preferred. Inactive prior clearance preferred. U.S. Citizenship and the ability to qualify for a new Secret Clearance is acceptable.
- Fluency in English (speaking, reading and writing) is mandatory.
- Master's degree in Industrial Engineering, Operations Research, Statistics, Management Science, or other System Dynamics related program required. PhD preferred.
- 2+ years modeling and simulation experience with industry software Stella/iThink (preferred), Vensim, AnyLogic, or comparable package.
- 5+ years of professional work experience relevant to building, coding, and analyzing system dynamics models.
- Experience with modeling large human resource systems preferred.

Skills

- Requirements elicitation, data collection, data input, and analysis.
- Detailed model building, model validation, scenario creation and interpretation.
- Technical documentation writing.
- Excellent project management and analytical skills.
- Outstanding written and oral communication skills including presentation of study results to clients.
- Ability to work in a fast-paced and highly independent environment.
- Ability to handle different types of tasks and make quick decisions.
- Experience in responsibilities and duties that require attention to detail, data analysis, and accuracy of information.
- Proficient in Java a plus. Proficient in MS Access/Excel a plus.
- Advanced data analysis abilities, including but not limited to data mining methodologies, multiple and logistic regression, forecasting, distribution fitting, ANOVA/ANCOVA a plus.

TSI offers an industry leading benefits program including health, disability, life, and company match 401k as well as flexible work schedules and an outstanding company culture recognized by the Washington Business Journal as a Great Place to Work. For more information about these opportunities, please visit <http://transformationsystems.com/careers.html>.

About TSI: Founded by leadership author and executive consultant Dr. Marta C. Wilson, Transformation Systems Inc. (TSI) is a management systems engineering company that helps military and civilian leaders within the defense community achieve their extremely challenging goals in ways that are most efficient, effective and responsive. TSI provides enterprise transformation solutions, applying industrial and systems engineering principles and practices to the realm of organization design. Our team is comprised of highly motivated and insightful experts in the fields of engineering, psychology, math, science, business and evaluation. We are thought leaders with a passion to make a difference. Transformation Systems, Incorporated is an Equal Employment Opportunity employer.