



Job Profile Information

Organization	GoldSim Technology Group
Background of organization	<p>GoldSim Technology Group began developing GoldSim, its probabilistic simulation platform, in 1990. GoldSim differs from traditional system dynamics approaches in that 1) it puts much greater emphasis on probabilistic simulation techniques to support representation of uncertain and/or stochastic systems; and 2) it provides a wide variety of specialized model objects (beyond stocks, flows and converters) in order to make models less abstract (and hence more transparent) and help represent processes and events that cannot easily be represented using a traditional system dynamics approach. This includes specialized modules to support Risk and Reliability Analysis, Financial Modeling, and Mass Transport Modeling, as well as features to simultaneously represent continuous and discrete dynamics. In addition, because the software is used primarily by engineers and scientists, it has very powerful dimensional analysis and unit conversion tools (i.e., the software has a large units database, checks for dimensional consistency and carries out conversions automatically during model construction).</p> <p>These differences in emphasis are due to the fact that GoldSim has most commonly been used for engineering and scientific applications where quantitative probabilistic predictions of future performance have been required (e.g., by regulators and other stakeholders) in order to inform and defend policy and design designs.</p>
Address	<p>GoldSim Technology Group 300 NE Gilman Blvd, Suite 100 Issaquah, Washington 98027-2941 USA</p>
Contact person	Rick Kossik
Contact phone, fax and/or email	jobs@goldsim.com
Position title	Staff Simulation Engineer
Job location	Issaquah (Seattle), Washington

Position description	<p>You will be expected to be versatile and participate in a wide variety of activities, including technical support, consulting, testing, documentation and technical sales. Specific responsibilities will include:</p> <ol style="list-style-type: none"> 1) Providing technical support and consulting services. 2) Testing and documenting new software versions. 3) Providing technical sales support (including web-based software demos) to potential customers. 4) Actively participating in software design discussions.
Required skills	<p>A Master's degree in science, engineering, applied mathematics, or a closely related field.</p> <ul style="list-style-type: none"> - At least 2 years of experience in simulation modeling (coursework, research, or consulting). - Excellent written and oral communication skills. - A history of pro-active and detail-oriented performance. - Ability to take on varied tasks in unfamiliar areas and provide results in a timely manner. - Legal working status in the United States.
Desired Skills	<p>Knowledge of Monte Carlo methods and statistical data analysis.</p> <ul style="list-style-type: none"> - Specific experience in systems engineering, risk analysis, reliability engineering or water resources.
Salary Range	competitive
URL to host organization	www.goldsim.com