

## **Senior Design Technologist Role Description**

### **Overview Description**

This position focuses on thought leadership for linking business issues to established and emerging technologies for the development of digital experiences for a wide variety of interactive applications. The goal of this position is to review existing technical infrastructure in relation to emerging business and technology goals and identify gaps and recommend specific technologies to meet deployment goals.

### **Activities**

- Work with delivery directors and project management director to scope and estimate development portion of projects
- Interact with clients and deepen relationships. Actively participate in critiques and technical strategy meetings
- Participate in all client and development team exercises relevant to project understanding. Participate in and sometimes facilitate cross-disciplinary brainstorms to develop solutions and drive innovation
- Review and understand all initial engagement documentation and research issues around relevant technology platforms, techniques and resource needs and relate them back to engagement
- Work with information architecture and user experience teams to understand requirements documents
- Articulate the technical vision for projects to team and client. Work with Delivery Director and PMO to coordinate tech team workflow and schedule
- Develop high-level prototypes in close collaboration with other disciplines
- Provide leadership and instruction for other developers, hire outside independent developers or collaborate with external technology companies to augment Tanagram skills to complete and deploy solution
- Work with client and or delivery partners to insure a proper quality assurance of the specified deliverables.

### **Educational Requirements**

- Minimum 4-year degree in Computer Science, Human Factors Engineering – or significant professional experience that can be in lieu of a traditional degree in computer technology

### **Professional Requirements**

- 10+ years experience in a software development role
- Experience in design firm, advertising agency, or professional consultancy
- Experience collaborating with cross-disciplinary teams
- Strong public presentation skills
- Desire for self-improvement through continuing education and experimentation

**Technical Requirements**

- 3+ years leading development teams
- Significant experience programming using ActionScript 3
- Significant experience programming using WPF/XAML/Silverlight
- 3+ years programming Microsoft C#/C++, .Net
- 3+ years programming websites using PHP, JavaScript, CSS
- 3+ years experience in SQL databases (i.e. MySQL, MS SQL Server)
- 2+ years experience with frameworks (i.e. Drupal, Ruby on Rails, Python, etc.)
- Relevant experience with analytics tools such as Omniture, Webtrends, Core Metrics and/or Google Analytics
- Comfortable adapting to various technical development models

**Interpersonal Requirements**

- Strong organizational and project management skills
- Excellent communication skills
- Excellent team leadership skills
- Excellent project and time management skills
- Excellent presentation skills
- Strong writing skills

**Personal Qualities**

- Intensely inquisitive
- Handle a high degree of ambiguity
- Mature
- Integrity of word and deed
- Empathy towards others

**Nice to have**

- Visual design degree (major or minor)
- Java programming experience
- Multimodal design experience
- Project management experience