## CLARK ATLANTA UNIVERSITY
### Job Description

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<tr>
<th>Position Title:</th>
<th>Technology and Research Specialist</th>
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<tr>
<td>Department:</td>
<td>Visualization, Simulation and Design Laboratory (ViSiDeL) / Georgia Industrial Assessment Center (GIAC)</td>
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<td>Reports To:</td>
<td>Director, ViSiDeL / GIAC / CARET² / CAM</td>
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The following statements are intended to describe the general nature and level of work to be performed and are not intended to be construed as an exhaustive list of all responsibilities, duties and skills required of personnel so classified. All duties listed are essential functions for the position. It is understood that other related duties may be assigned.

### General Function (Description):

The Technology and Research Specialist (TRS) will provide leadership in the design, development, integration and User Interface / Front End applications supporting an embedded system. The TRS will utilize his/her experience and expertise to solve problems, develop and execute research projects objectives to positively impact business goals.

The TRS will demonstrate leadership in communicating business goals, programs, and processes for an area or business segment to impact the achievement of short-term and long-term business goals.

### Duties and Responsibilities:

- Provide technical advise to ViSiDeL - GIAC leadership to optimize their technology investments.
- Responsible for driving fast and sustainable growth in ViSiDeL - GIAC services to address needs and objectives, with responsibilities for these areas:
  - Technical Solution Architecting - Interact with various stakeholders to interpret and evaluate business objectives, requirements, and propose technology solutions.
  - Innovative New Business Model - Understand ViSiDeL's business models and drivers and translate them into either platform configuration or specification for new implementation or even new service offerings.
  - Website Design and Maintenance – Facilitate in the on-time and high quality delivery of RSP website content.
  - Identify New Market Opportunity – Gather market trends and intelligence for platform extension, application program interface (APIs) integrations, and content conversions with new features and functionality. Liaison and stakeholders and management teams to drive service evolution.
- Technical Solution Specialists can potentially be involved with additional projects and initiatives depending on her/his special skills and interests, and organizational requirements.
Knowledge, Skills and Abilities:

- Strong JavaScript / jQuery knowledge
- CSS and HTML5
- JSON
- C/C++ is recommended for handling interfaces with the embedded solutions
- Web IDE (such as NetBeans)
- Jasmine / Karma
- Chrome / FireFox development console / tools
- SonarQube code analysis
- Virtual Machine and SVN familiarity
- Strong team working skills
- Experience of planning software development work
- Minimum of 2 years of experience leading software teams
- Strong technical aptitude
- Strong oral and written communication skills
- Strong interpersonal and leadership
- Ability to consistently achieve daily/weekly/monthly activity goals
- Must meet high quality standards, follow regulations, and maintain confidentiality
- Problem-solving and analytical skills and ability to analyze issues and articulate appropriate solutions to management

Minimum Hiring Standards:

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<tr>
<th>Education</th>
<th>Bachelor’s Degree in Engineering or Computer Science from an accredited college or university.</th>
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<td>Years of Experience</td>
<td>3+ years experience with software development life cycle, implementation and issue tracking systems.</td>
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