

Supported Intelligence, LLC Product Developer

December 13, 2016

Supported Intelligence is seeking a highly motivated candidate to join our product development team as a Product Developer. This is a temporary assignment (expected to last two to four months) that may be converted to a regular position. Please see below for more details.

About the Company

Supported Intelligence (SI) provides software and analytical services to help people make better decisions. We are dedicated to harnessing recent advances in technology and analytical methods to improve decision making across multiple departments and industries. Our patent-pending Rapid Recursive® method is a true breakthrough in decision analytics and is at the core of many of our product and service offerings.

Supported Intelligence is a young, entrepreneurial company; everyone—from Intern to Executive Chairman—plays a vital role in the success of the company. We are looking for highly motivated candidates with the passion and energy to take the product to the next level. This is your opportunity to become part of a team that is revolutionizing the way that organizations and individuals make important decisions.

Responsibilities

Upon assuming the position, the successful candidate will assist with the following tasks immediately:

- Development of SI's SmartBracket Application (see www.SmartBracket.io);
- Development of SI's Financial Application; and
- Development of and Data Analysis related to SI's SBDM application.

In addition to the above, successful candidate will on a general basis:

- Become familiar with the Rapid Recursive® software product and methodology;
- Shape the direction of the product;
- Work with clients to understand their specific needs and customize an appropriate solution;
- Prototype new ideas for client presentations;
- Create training materials for both internal and external use;
- Work on real-world examples, and have the potential to see their work published as a technical paper or other document; and
- Analyze large data sets.

Preferred Qualifications

An ideal candidate will have a strong quantitative background in fields such as economics, mathematics, statistics, finance, or computer science, as well as skills at employing quantitative decision models. Candidates must have knowledge of basic programming concepts and be capable of working with mathematical software (such as MATLAB®). To be successful, the person must be able to gain an understanding of the recursive (“value functional”) model (see “Resources on Recursive Methods” below), implement new ideas as commercial functions, and participate in our rigorous product testing process.

Supported Intelligence is planning to expand its mobile and web application offerings. Candidates with additional experience in mobile and/or web development are encouraged to apply.

If chosen, he or she will gain immediate experience with customizing and developing the product, assisting clients through customization and training, and working with a small entrepreneurial team.

Duration of Position

Supported Intelligence is a small company with a growing number of client obligations in the next two to four months. In order to meet these obligations, and to continue to advance our business, we are seeking a developer to perform the responsibilities outlined above on a short-term basis.

Supported Intelligence is currently seeking a Series B round of funding. Contingent upon satisfactory performance of the successful candidate, we plan to include two years of funds for this position on a regular basis as part of this round of funding. If, for reasons outside the control of the company, we are not able to extend a regular offer, we will provide the successful candidate with a letter describing their responsibilities and performance while working with the company.

Hours, Location, and Compensation

This position requires approximately 24 hours of work each week. We expect the majority of the work for this position to be completed during our core business hours of 10am - 4pm.

We expect the majority of work for this position to be completed at our new development headquarters in the co-working space at TechTown in Detroit, MI, with some flexibility. A minority of work may be completed at our management office in East Lansing, MI. We offer a productive and collegial working environment in which a motivated and capable person could thrive. This position may also require a small amount of travel to client locations. Supported Intelligence reimburses its employees in full for all valid travel expenses.

Compensation for this position will be between \$16 and \$20 per hour, based on qualifications and experience.

To Apply

We insist on high standards in our work and adherence to our core values, therefore **only motivated individuals who thrive in a challenging work environment should apply.**

Materials are due by January 15th, 2017. Supported Intelligence has an immediate need to fill this position, and will begin reviewing complete applications as soon as they arrive.

Before applying, please review our website: www.SupportedIntelligence.com. Please also review the Anderson Economic Group website: www.AndersonEconomicGroup.com. Anderson Economic Group has a contractual arrangement with Supported Intelligence that provides for office space, HR functions, and other benefits.

Product Developers at Supported Intelligence are expected to be able to quickly develop custom applications. As such, we request that interested candidates **complete one of the following two tasks:**

1. Significantly modify an existing solution template:
We expect this to take the form of a structural change to the underlying model, either through the addition of a new state or action; simply changing a parameter value or two, while potentially interesting, would not be enough. All of the changes you make should be well-documented, both in the template itself and in a standalone document containing a full description of the new model, which should be directed to a knowledgeable prospective user.
2. Create your own model in the style of a solution template:
There are numerous applications for the toolbox that we have yet to even consider. If you feel so inclined, pick a topic that interests you and develop a Rapid Recursive® model to investigate it. We expect that you would refer to the bundled solution templates for formatting and organization guidance, but that the content would be entirely unique. The model would not need to be overly complex; something near the level of our existing templates would be quite acceptable. Given that this path would likely require more programming time, we would not expect a full standalone description, but the comments in the model itself should be thorough and complete.

To complete your chosen task from the options above, you will need valid copies of both MATLAB® and the Rapid Recursive® Toolbox. The MathWorks provides free trials of MATLAB®, as well as heavily discounted student licenses on their website, www.mathworks.com. Please visit (www.supportedintelligence.com/products-services/rapid-recursive-toolbox) and request a free trial of the Rapid Recursive® Toolbox. You may also find the resources listed below to be helpful.

To apply, send your resume, cover letter, and customized model (be sure to include the source code and any supporting documents) to:

Neal Anderson
Chief Operating Officer
Supported Intelligence LLC
1555 Watertower Place, Suite 300
East Lansing, MI 48823

or by email to: nanderson@supportedintelligence.com.

We are an equal opportunity employer, and welcome qualified applicants from diverse backgrounds.

Resources on Recursive Methods

The following resources are available on the Supported Intelligence website:

1. [Guide to Recursive Models](#)
2. [Rapid Recursive User's Guide](#)
3. Various [technical papers](#)

In addition, the following book is available from Stanford University Press (www.sup.org):

4. [Economics of Business Valuation](#) by Patrick L. Anderson (2013).