

Position: Principal/Senior Scientist

COMPANY BACKGROUND

Atigeo is a compassionate technology company turning science into products and services for a wiser planet. Our unique semantic platform, xPatterns™, facilitates the intelligent discovery of knowledge from large disparate sources of dynamically changing, structured, and unstructured data. Third party applications can easily be deployed on xPatterns through web-services to immediately enrich data insight through the self-discovery of patterns and concepts in real-time. xPatterns enables a trust model the enterprise may extend to their users, providing each user the ability to privately manage their data, and automatically leverage offline information to provide unprecedented experiences and benefits. xPatterns is enabling telecommunication providers, healthcare providers, government organizations and retailers to leverage new insights in real-time, derived from data that has been traditionally difficult to link and expensive to maintain. xPatterns software can be delivered as Software-as-a-Service or Appliance-based. For more information, visit: www.atigeo.com.

REPORTING RELATIONSHIP

The Principal/Senior Scientist will report to the Vice President Analytics.

POSITION SUMMARY

The Principal/Senior Scientist will be responsible for expanding the breadth of science efforts within the company, in very close collaboration with the VP Analytics and the Bellevue, WA, San Diego, CA and Timisoara, RO-based Science team members. Further the Principal/Senior Scientist will be called upon frequently to help the product and sales teams with solutions and use case development leveraging xPatterns' technology. A confident, clear and passionate speaker, the Principal/Senior Scientist will help support Atigeo's business development and sales team in articulating xPatterns technology in engagements with customers and partners - switching seamlessly between layman's and technical language depending on the needs of the audience.

SPECIFIC DUTIES AND RESPONSIBILITIES:

- Lead the effort to develop technology in support of patents securing the company's position for years to come.
- Designs and develops technical solutions on behalf of a given target market or client. This is to include spiral development, rapid prototyping, limited production and identification of off-the-shelf solutions, testing, demonstration, evaluation and reporting activities.
- Provides advanced technical knowledge and analysis of highly specialized applications and operational environment, high-level functional systems analysis, design integration, training and implementation advice on complex problems, which require high-level and in-depth knowledge of the subject matter.
- Organizes, directs, and coordinates planning and production of all technical solutions.
- Designs and prepares technical reports, studies, and related documentation, prepares and delivers presentations, training and briefings as necessary.
- Participates as needed in all phases of project to include research and development with emphasis on the planning, analysis, testing, integration, documentation, training and presentation phases.
- Interfaces with the client to ensure continuous client satisfaction.
- Be instrumental in creating, architecting and prototyping the underlying technologies that will drive the company's visionary roadmap, particularly as they relate to contextual and location intelligence, and distributed-key security.
- Work collaboratively on prototyping, design and then scalable product deployment architecture of these core technologies.
- Author and co-author scientific papers, patents and presentations on Atigeo's core technology.
- Support and help educate Atigeo's Business Development team on the best ways to convey the uniqueness of the company's technology to customers and partners.
- Perform some technical sales functions in working with highly technical customers and partners in explaining Atigeo's technology and designing partner/customer use cases.

REQUIRED EXPERIENCE AND SKILLS

- Must have minimum of 10 years experience in providing and evaluating technical solutions.
- Must be able to function in a fast paced design, development and deployment environment.
- Verbal and written communications must be timely and of consistently high quality in content, style and clarity.
- Excellent customer relations and organizational skills.
- Expertise, Top of Field, Ideas for Patents.
- The candidate should have earned an advanced degree from a well-regarded institution in Physics, Applied Mathematics, Computer Science or a related discipline.
- Demonstrable track record of creating, prototyping and deploying products employing advanced understanding of probability and statistics, mathematical computing or live applications of machine learning algorithms.
- A history of converting deployed technology as patentable IP evidenced by a number of granted and pending patents.
- Experience in designing, implementing and deploying large scale distributed applications and web services in both Windows Server and Linux environments.
- Experience with hands-on development with the full Java, Linux, Apache, Lucene software stack (experience with Hadoop, Solr/Lucene and Mahout a plus).
- Demonstrable success in implementing solutions leveraging heterogeneous hardware and software architectures.
- Experience with High-Performance Computing architectures a plus, eg. MapReduce, GPU-based computation.
- Experience in developing on the .Net platform with emphasis on C#, Java or C++ languages is a plus.
- Database design and hands on experience with SQL and NoSQL database solutions in a high volume environment is also a plus.

EDUCATION

Masters required accredited university with a major in a related field of effort, PhD degree desired.