



Position: SENIOR SOFTWARE ENGINEER

COMPANY BACKGROUND

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 Software Engineer will report to the Lead Architect.

POSITION SUMMARY

If you are you passionate about building consumer-centric products leveraging cutting-edge science and technology, and you enjoy building web-based services that require scaling a nascent technology to high volume and high reliability, Atigeo is the place for you! Have you worked as a key player and thought-leader in agile engineering teams spread across continents? We are looking to add a seasoned, highly-motivated Software Engineer to our core platform architecture and engineering team, working on a novel *learning* real-time relevance engine.

SPECIFIC DUTIES AND RESPONSIBILITIES:

- Develop scalable systems that robustly implement machine learning algorithms to process large volumes of unstructured data in real time
- Apply a deep keenness to understand the science behind the technology to further the successful application of the science
- Provide thought leadership to the company for software design, algorithm design, and implementation of critical systems
- Participate in and help improve key processes including software requirements, software design, code review, and testing Stay abreast of technology trends, inform the organization on the emerging software and hardware technologies, and lead discussions about incorporating new technology that could impact Atigeo's roadmap

DESIRED EXPERIENCE AND SKILLS

- 5+ years as a software engineer, including major contributions to complex projects, preferably in both established and early-stage technology companies
- Strong computer science fundamentals
- Strong commitment to software development best practices and code quality
- Very strong coding skills in an object-oriented language such as Java or C#
- Experience with Apache stack (e.g. Hadoop, Cassandra, Lucene) a big plus
- Experience with High-Performance Computing architectures a plus, e.g. MapReduce, GPU-based computation
- Strong design and data modeling skills
- Familiarity with NLP, text mining and machine learning algorithms – highly preferred
- Proven ability to work in a startup-like environment with little supervision
- Initiative and creativity
- Demonstrated history of passion for tracking emerging technology trends

EDUCATION

Bachelor's Degree in Computer Science, Computer Engineering or Software Engineering or related discipline. Advanced degree preferred.