

Position: Lead Architect

COMPANY BACKGROUND

Atigeo is a passionate 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 Lead Architect will report to the Director of Engineering

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 Senior Developer to our core platform architecture and engineering team, working on a novel *learning* real-time relevance engine.

SPECIFIC DUTIES AND RESPONSIBILITIES:

- Coordinate work on the xPatterns platform and applications
- Develop new functionality, troubleshoot issues
- Research, prototype, implement and evaluate new analytics algorithms
- Prioritize work on the platform and applications
- Drive architecture discussions and decisions
- Work towards improving the software development process
- Stay abreast of technology trends and contribute to developing the technology roadmap

DESIRED EXPERIENCE AND SKILLS

- Excellent software development skills using Java or a similar language
- 5+ years as software engineer including team lead and/or architect positions
- Experience implementing large-scale distributed systems and dealing with large datasets
- Strong computer science fundamentals (MS/PhD in computer science or equivalent experience)
- Comfortable working in the Linux environment and with open-source tools
- Familiarity with distributed computation frameworks such as Hadoop, Dryad, BSP
- Working knowledge of text analytics, natural language processing, machine learning
- Strong commitment to quality and engineering excellence
- Self-drive and creativity
- Ability to set own goals and work with little supervision
- Experience with cloud-hosted systems (e.g. AWS, Azure) a plus
- Startup experience a plus
- NoSQL (Cassandra, HBase, MongoDB, etc.) experience a plus

- Lucene and/or Mahout experience a plus

EDUCATION

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