**HIGH TECH JAVA ALGORITHM DEVELOPER**

**JOB DESCRIPTION**

- Java SE programming skills on expert level  
 - Experience with OO design principle, UML diagrams, design patterns  
 - Experience with testing a big system, understand the concept of unit, component, and system level testing  
 - Good knowledge of algorithms and data structures in computer science  
 - Good knowledge of linear algebra, preferability also on optimization techniques and control modeling  
 - Have affinity with scientific/mathematical programming  
 - Understanding of the to-be-implemented mathematical algorithm and make solid java design to realize the algorithm  
 - Extensive knowledge of profiling and debugging  
 - Analytical and abstract thinking  
 - Preferably to have Matlab or other scripting experience of algorithms  
 - Preferably have experience in Continuous Integration, but also Maven, Git, and Atlassian stack