

**Position:** Software Parser Developer

**Overview:** The SPD is a highly motivated and technically proficient developer, capable to pick up a new computer language and develop a parser for it, either handcrafted or using a compiler generator, such as Antlr. He or she must be skilled in developing new algorithms and in providing maximum optimization for the resulting code. Must have an open mind, ready to adapt to the coding style and standards of the already existing team.

**Responsibilities:**

- Study the definition and complexities of an existing computer language
- Develop grammars definitions
- Develop and unit test parsers for various languages
- Map parsing trees into new representations
- Develop analytics based on existing parse trees
- Communicate with other developers, technical writes and field analysts
- Occasionally travel to customers and participate in customer projects where his or her code is utilized

**Qualifications:**

- Bachelor's degree in Computer Science, Computer Engineering or a related field of study or equivalent combination of education and experience
- Minimum 2 years of parser or compiler development
- Extensive Visual Studio C# experience a plus, otherwise two years of Java experience with demonstrable capacity to learn new languages and environments.
- Experience with the Antlr parser generator a plus
- Strong research and analysis skills
- Ability to work in a team, adapt to new development culture