Artyom Smirnov

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Brief description

My main direction - system development and DBMS.
My primary programming language is C++.
I enjoy OpenSource software and tools which I use both for work and fun.

Projects

C++

Red Database	http://www.red-soft.biz/en/reddatabase_product.html
	Firebird DBMS fork with improved security
SciDB	https://www.scidb.org
	DBMS for large-scale scientific experiments based on multi-dimensional arrays

Python

scidbpy	https://github.com/artyom-smirnov/scidbpy
	Pure python SciDB client library implementation

Experience

Dec 2009 - Present	**Software Engineer**, *SciDB.*
	Query parsing, translating and processing
	Client tools
	Client libraries and drivers
	JDBC driver
	Build system, packaging
May 2007 - Aug 2009	**Software Engineer**, *Red Soft Corporation.*
	Security improvements in Red Database - fork of Firebird RDBMS

Development skills

Programming Languages

Expert	C, C++
Intermediate	Python, Java, Bash
Basic	LaTeX

Tools

gcc, bison, flex, cmake, git, svn, ant, maven

Computer skills

IDE	Xcode, QtCreator, Eclipse
OS	Linux (RedHat, Debian), MacOS X

Education

Sep 2004 - **Information Technology**, *Murom Institute (branch) of the Vladimir State University,*
Jul 2009 *Murom, Russia.*
Engineer

Links

LinkedIn http://www.linkedin.com/in/artyomsmirnov
GitHub https://github.com/artyom-smirnov