

## Stepan Lenevich

Saint Paul, MN

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Authorized to work in the US for any employer

### WORK EXPERIENCE

#### Senior Software Developer

**Outcome Engenuity** – Eden Prairie, MN

April 2017 to December 2017

- Involved in all aspects of product development from initial *concept* to *launch*
- Gathered, analyzed and documented project requirements
- Studied HR software market noting design decisions, common workflow and customer feedback
- Searched out for HRIS regulations and best practices, identified and discussed compliance risks
- Identified conflicting project requirements, risks, sensitivity points, and trade-off points
- Redesigned employer data model, resolving issues caused by inflexibility of original model
- Developed sprint backlog and managed user stories
- Designed and developed asynchronous REST services and UI components (JavaFX+AWS)
- Designed JSON message format and wrote PostgreSQL queries for REST
- Debugged logged exceptions with OverOps and implemented bug fixes
- Deployed Windows installer (Launch4j)

#### System Analyst and Software Developer

**Certusoft** – Minneapolis, MN

February 2016 to March 2017

- Designed, implemented and improved truck manufacturing products (Java, MS SQL server)
- Developed annotation system (tags and notes) for rule records in TheEditor (Java, SQL)
- Added support for metric system in Sparcon (Java, JUnit)
- Added tools to filter and display a log of changes to engineering rules (Swing, SQL)
- Delivered data importer (Java, Threads, SQL), contributing to data migration to cloud service
- Implemented support of excel file format using Apache POI API.
- Improved accuracy of user input validation (regex, complex SQL statements)
- Extended automated reporting service with additional custom reports (JSP)
- Optimized surface detection algorithm (C/C-CUDA) increasing speed by 20 times

## SKILLS

### Areas of expertise

- Requirements Gathering, Analysis and Documentation, Business Modeling
- User Stories, Backlog Development, Design Patterns
- Agile Development, Design Patterns, Performance Tuning
- MVC, SOA, OOD, Design Patterns, Distributed Systems, TDD
- Java, JavaFX, MS SQL, Regex, HTML, FXML, CSS, XML, JSON
- GitHub, Mercurial, CVS; ANT, MAVEN, JUnit
- Atlassian Jira, Trello, Nuclino, Swagger
- IntelliJ IDEA, NetBeans, Eclipse, Visual Studio, Notepad++

### Experience

J2EE, JavaScript, AngularJS, Ruby, Ruby on Rails, C, C-CUDA, Python, Perl, AHK  
MySQL, PostgreSQL, MongoDB, Infrastructure As Code, Ansible, Jenkins

## EDUCATION

- Developed Perl scripts for log analysis and data processing at Minnesota Supercomputer Institute
  - Designed and implemented website for research group <https://distefano.chem.umn.edu>
- Postdoc, University of Minnesota, MN (2014-2015)  
Postdoc, University of British Columbia, Vancouver (2011-2013)  
PhD in Computational Chemistry, University of Minnesota, MN (2004 – 2010)  
BS with honor, Higher Chemical College of the Russian Academy of Sciences (1999-2004)

## SELECTED PUBLICATIONS

Author and coauthor of 16 publications with 295 citations total

<https://scholar.google.com/citations?user=NmGyq8kAAAAJ&hl=en>

- (1) F Quazi, S Lenevich, RS Molday. Nature communications 3, 925
- (2) S Lenevich *et al.* JACS 129 (18), 5796
- (3) S Lenevich, MD Distefano. Analytical biochemistry 408 (2), 316-32

GitHub: <https://github.com/StepanVL/>