

# Igor Shmagrinsky

SOFTWARE ENGINEER · TEST AUTOMATION ENGINEER

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“Be the change that you want to see in the world.”

## Education

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### Saint Petersburg State University

B.S. IN COMPUTER SCIENCE AND ENGINEERING

Mathematics and Mechanics Faculty, department of Computer Science

Saint-Petersburg, Russia

Sep. 2012 - Exp. Aug. 2016

## Skills

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**Programming** JAVA, Javascript, Node.JS, Typescript, Scala, Haskell, Python, LaTeX

**Front-end** Angular, D3, JQuery HTML5, CSS, LESS

**Back-end** Spring, Express, Hibernate

**Testing** TestNG, JUnit, Mockito, Selenium, Mocha, Chai

**Languages** Russian, English (Intermediate)

## Experience

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### Axibase Corp.

SOFTWARE ENGINEER

Saint-Petersburg, Russia

Feb. 2016 - Apr. 2017

- Development of applications using Hadoop-based time series database with SQL, rule-engine, and visualization.
- API clients using HTTP and TCP protocols.
  - 📱 Java 📱 NodeJS
- Demo applications that use ATSD as database through HTTP API.
  - 📱 NodeJS, VanillaJS
- Plugins for integration ATSD with other solutions such as:
  - 📱 Graphana 📱 JMeter 📱 Redash
- Test framework to test ATSD APIs (SQL, HTTP, Network) and functional test development:
  - 📱 Java, TestNG, Jackson, Jersey, Alure
- Utilities for collecting different statistics (crawlers):
  - 📱 Java, Selenium, JSOUP
- Creation of Docker images for some projects:
  - 📱 Docker, Bash
- Maintaining of existings solutions and refactoring of existing code
- Continious integreation process' configuration (CircleCI, TravisCI, Jenkins), integration with Git VSC
- Participation in code review code
- Documentation writing (Technical English):
  - 📱 Markdown
- Research analysis and collecting of data for articles
  - 📱 Bash, Python, Docker, Chartlab
- Creating live portals with declarative language that integrated in ATSD