Igor **Shmagrinsky**

SOFTWARE ENGINEER · TEST AUTOMATION ENGINEER

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"Be the change that you want to see in the world."

Education

Saint Petersburg State University   *Saint-Petersburg, Russia*

B.S. IN COMPUTER SCIENCE AND ENGINEERING   *Sep. 2012 - Exp. Aug. 2016*

Mathematics and Mechanics Faculty, department of Computer Science

Skills

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

Panbet Ltd.   *Saint-Petersburg, Russia*

SOFTWARE ENGINEER   *Jul. 2017 - Nov. 2017*

- Development of HL microservices system
- Backend: Spring, EJB, Oracle DB, JDBC Temlate.
- Client-side: SWT-based desktop application with custom UI library. Java, Multithreading.

Axibase Corp.   *Saint-Petersburg, Russia*

SOFTWARE ENGINEER   *Feb. 2016 - Apr. 2017*

- Develpment 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 develpment:
  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 integration 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

Peter-Service Corp.   *Saint-Petersburg, Russia*

SOFTWARE ENGINEER, INTERN   *Jun. 2015 - Dec. 2015*

- Behavioral testing of web pages with protractor.
- Unit testing of existing Angular components: (mocha, chai, karma)
- Development of UI components, migration from Bindows framework to AngularJS.
- Development office map for corporate social network:
  Backend: Java(Spring Boot, PostgreSQL)
  Fron-tend: Javascript (AngularJS, D3.js)

Extracurricular Activity

CheckStyle *Saint-Petersburg*

Participant of Google Summer of Code project *Apr. 2017 - Jun. 2017*

- Code Review
- Analyzing of existing project's code
- Fixing existing bugs:
  - Java, ANTLR