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## PROFESSIONAL EXPERIENCE

### **Electronic Arts** (03/2015 – 08/2016) server engineer: Scrabble mobile game

- Back end: Google App Engine (Java), AWS (S3, EC2), Akamai CDN
- Developing game logic, store, push notifications, dictionaries DLC, etc.
- Developing a versioned backward-compatible REST API
- Performing production deployments & monitoring
- Performing performance and cost monitoring & optimization
- Configuring a log-/metric-based alerting mechanism: emails, chats & phone calls
- Doing load-testing in Scala (Gatling)
- Improving the build automation: Python + TeamCity.

### **StereoLogic Ltd.** (2008 – 2015) senior software engineer

- Designed architecture (UML) and developed back-end and front-end for the Business Process Mining software solution since the project conception: GWT, back-end Java/Scala with Spring, Mysql/Oracle persistence (designed schemas and stored procedures), client-side jQuery, JS libs and Java Applets. Support tools: mvn, hg/svn, teamcity, youtrack/trac, nexus, vmware virtualization.
- Optimized data processing performance.
- Constant debugging and testing to conquer Internet Explorer 6-11 inconsistencies and incompatibilities.

### **Saint-Petersburg Electrotechnical University** (2010 – 2015) research fellow

- Was in charge of 2, participated in 4 research projects.
- Filed 9 (software) patents.
- Migrated sea navigation map visualization solution from 2D to 3D by interpolating sparse matrix with the help of kd-tree data structures and then boosting map loading time by more than 10 times by caching greyscale height maps (in C++, Qt).

### **T-Systems Deutsche Telekom AG** (2012 – 2013) senior software developer

- Back-end Java to code new features for 2 German telecom projects: Spring, CXF soap WS, Ibatis ORM + Oracle DB, {mvn, git, jenkins, Jira}.
- Migrated a bulk telecom project from Ant to Maven, which helped modularize the code and increased cohesion.

### **Blueprint** (2007) software tester

- Black-box and specification-based testing of UML diagramming tool (Java-based). Tools: HP Quality Center, Eclipse.

### **Motorola** (2006 – 2007) internship

- Wrote code in Java and XML to automate mobile devices testing.

## SKILLS SUMMARY

- object-oriented and functional programming in Java
- familiarity with Scala, Python, C++ and JS
- general grasp of algorithms and data structures
- experience with relational and NoSQL storages, hg/git

## EDUCATION AND CERTIFICATES

2015 Cambridge English: Proficiency  
2015 IELTS

Cambridge English Language  
Assessment

2014 Ph.D. in Computer Science

Saint-Petersburg Electrotechnical  
University, Russia

2013 Certified Java Programmer

Oracle Certification