

Foat Akhmadeev

Scala/Java software engineer

🏠 foat.me
✉ foat.akhmadeev@gmail.com
☎ +1 (773) 828-4272
🔗 github.com/foat
in linkedin.com/in/akhmadeevfoat

citizenship Russia

time zone UTC+3

Interests

Software engineering • Project management • Computer vision
Scala • E-commerce • Technical writing

Professional experience

2015-present

Self-employed, **Senior software engineer**

- Java, Scala, C++ development.
- Computer vision R&D.
- Project management.
- Projects:
 - A website development using Scala Play framework.
 - Java throttling framework development from scratch.
 - Robust and fast algorithm for multiply chalkboard detection.
 - Real-time road lane recognition on C++.
- Related skills: Scala, Java, Unit testing, Mocking, TDD, BDD, JavaScript, C++, Spring Framework, Play framework, OpenCV, Build automation tools, Git.

2014-2015

CMP, Computer vision researcher

- Computer vision R&D.
- Project: Image rectification using vanishing lines and local affine frames.
- Related skills: C++, Matlab, Unix, Git.

2013-2014

RoadAR, Computer vision developer

- Computer vision R&D.
- Real-time traffic sign recognition on mobile phones.
- Project: [RoadAR](#).
- Related skills: C++, Java, OpenCV, Unit testing, PostgreSQL, Swing, Maven, Android NDK, Boost library, CMake, Git.

2013

Digital Zone, Senior software developer

- Project management and code review.
- Conducting technical interviews.
- Java frontend and backend development.
- Project: [ulmart.ru](#) ([link 1](#), [link 2](#)).
- Related skills: Java, MySQL, Spring MVC, Apache Solr, JavaScript, Application servers, Freemarker, Git, Maven.

2011-2013

Digital Zone, Software developer

- Java frontend and backend development.
- Projects:
 - Social networks related websites.
 - [ulmart.ru](#).
- Related skills: Java, GWT, Spring MVC, EJB, Apache Solr, JavaScript, Application servers, Freemarker, Version control, Build automation tools.

Education

2012-2014

MSc in Computer Science

Kazan Federal University, Russia

ADVISOR: Evgeny Stolov, Kazan Federal University

- Computer vision, Image processing.
- Project: *3D scene reconstruction from a single view*. Publication: [[1](#)].
- Related skills: Matlab, C++, \LaTeX .

2008-2012

BSc in Computer Science

Kazan Federal University, Russia

ADVISORS: Evgeny Stolov, Kazan Federal University; Aleksandr Shlyannikov, Kazan Federal University

- Computer vision, Image processing, Web development.
- Projects: *Handwritten digit recognition*, *E-library using GWT*.
- Related skills: Java, JEE, GWT.

It & programming skills

Main languages: Java, Scala, C++.

Data analysis: Matlab.

Scripting languages: Shell script, JavaScript.

Markup languages: XML, JSON, HTML, CSS.

Query languages: SQL.

Application and web servers: JBoss, Tomcat, Jetty.

Revision control: Git, Subversion.

Build tools: Maven, Gradle, CMake, SBT.

Systems on administration level: OS X, Linux.

Other: Spring Framework, Play framework, OpenCV, Swing, Android NDK, MySQL, PostgreSQL, TDD, BDD.

Digital typesetting: T_EX, L^AT_EX.

Languages

Russian (native speaker),

English (professional proficiency).

Publications

- [1] F. Akhmadeev, “Surface prediction for a single image of urban scenes,” in *Computer Vision - ACCV 2014 Workshops*, ser. Lecture Notes in Computer Science, C. Jawahar and S. Shan, Eds. Springer International Publishing, 2015, vol. 9008, pp. 369–382. [Online]. Available: http://dx.doi.org/10.1007/978-3-319-16628-5_27