Foat Akhmadeev

Java/C++ software engineer,
Computer vision R&D

🏠 foat.me
✉ foat.akhmadeev@gmail.com
⚙ github.com/foat
in linkedin.com/in/akhmadeevfoat

Interests

Image processing • Computer vision • Software engineering
Scene understanding • Real-time object recognition

Professional experience

2015-Present   Self-employed, **Java/C++ software engineer, Computer vision R&D**

- Computer vision, iOS projects.

- C++, Java, Swift development.

2014-2015   CMP, **Computer vision researcher**

- Image rectification by using vanishing lines and local affine frames.

- C++, Matlab R&D.

2013-2014   RoadAR, **Computer vision developer**

- Research in the field of computer vision.

- Real-time traffic sign recognition on mobile phones.

- C++, Java development.

- Project: RoadAR.

2013   Digital Zone, **Senior software developer**

- Project management and code review.

- Conducting technical interviews.

- Java frontend and backend development.

- Project: Ulmart (link 1, link 2).

2011-2013   Digital Zone, **Software developer**

- Java frontend and backend development.

Education

2012-2014 **MSc in Computer Science**
Kazan Federal University, Russia
ADVISOR: Evgeny Stolov, Kazan Federal University

- Project: *3D scene reconstruction from a single view*.

- Publications: [1].

2008-2012 **BSc in Computer Science**
Kazan Federal University, Russia
ADVISORS: Evgeny Stolov, Kazan Federal University; Aleksandr Shlyannikov, Kazan Federal University

- Projects: *Handwritten digit recognition*, *E-library using GWT*.

It & programming skills

Data analysis (Matlab).
Main languages (C++, Java, Scala).
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).
Systems on administration level (OS X, Linux, Windows).
Other (Spring MVC, EJB, GWT, JQuery, MySQL, PostgreSQL, GAE).
Digital typesetting (TeX, LaTeX).

Languages

Russian (native speaker)
English (professional working proficiency)

Publications

PUBLISHED WORKS

[1] F. Akhmadeev. Surface prediction for a single image of urban scenes. In C. Jawahar and S. Shan, editors, *Computer Vision - ACCV 2014 Workshops*, volume 9008 of *Lecture Notes in Computer Science*, pages 369–382. Springer International Publishing, 2015.