Foat Akhmadeev

Computer vision
research engineer

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Research interests

Image processing • Computer vision • Machine learning
Scene understanding • Real-time object recognition

Professional experience

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

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

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).
Digital typesetting (TeX, LaTeX).

Languages

Russian (native speaker)
English (professional working proficiency)

Publications

Unpublished works

[1] F. Akhmadeev. Surface prediction for a single image of urban scenes. 2014.