

# Foat Akhmadeev

Computer vision developer  
ROADAR

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## Research interests

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

## Professional experience

- 2013-present **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-present **MSc in Computer Science**  
*Kazan Federal University, Russia*  
ADVISOR: Evgeniy Stolon, Kazan Federal University
- Project: *3D scene reconstruction from a single view*.
  - Publications: [[1](#)].
- 2008-2012 **BSc in Computer Science**  
*Kazan Federal University, Russia*  
ADVISORS: Evgeniy Stolon, 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, PHP).

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 (T<sub>E</sub>X, L<sup>A</sup>T<sub>E</sub>X).

## Languages

*Russian* (native speaker)

*English* (professional working proficiency)

## Publications

### UNPUBLISHED WORKS

- [1] F. Akhmadeev. 3d scene reconstruction for a single image of urban scenes. 2014.