

# Andrey Morozov

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📄 <https://github.com/aod314/>

## About

Cross-functional expert in the field of computer vision algorithms, hardware architecture, project management and QA.

## Experience

**June 2017 - Aquantia/Marvell Semiconductor, Nizhny Novgorod, Russia.**

**now** Senior QA engineer

**Autotests, 2017-2018.**

Write auto-tests and automation's multi-platform scripts.

**Tests for PHY, 2018-2019.**

Write complex tests for PHY.

**CI/CD, 2019-2020.**

Support and improve existing CI/CD system.

**Nov 2015 - ANKH-NN, Nizhny Novgorod, Russia.**

**June 2017** CEO

**HighLoad, Sep 2016 - June 2017.**

Design and development web application for highload system

**Sep 2009 - Itseez, Nizhny Novgorod, Russia.**

**Apr 2016** Software Engineer

**Continuous Integration, 2010-2011.**

Deployed Buildbot for OpenCV project (<http://build.opencv.org/buildbot>)

**Building, May 2012 - Sep 2012, Kamchia, Bulgaria.**

Oversaw the construction of the planetarium.

**2D/3D computer vision, Sep 2012 - Jan 2014.**

Calibrate RGB cameras to calculate depth. Created application for Android. Team management.

**Optimization, Jan 2014 - Apr 2016.**

Low level optimization of algorithms of OpenCV for custom hardware(DSP)

**Jun 2005 - School #91, Nizhny Novgorod, Russia.**

**May 2010** Teacher of additional education. Administrator of computer class.

## Education

**2005 - 2011 Lobachevsky State University, Nizhny Novgorod, Russia.**

Faculty of Computational Mathematics and Cybernetics. Department of computer software.

Master's Degree

## Skills

Languages python, c/c++

OS Linux, Windows, macOS

VCS Git

Tools QtCreator, vim, sublime text, cmake, ninja, gcc/clang

Frameworks opencv, tbb, opengl, cuda, opencl, postgresql, pytest

Development **Agile:** TDD, Continuous Integration, XP, Scrum, Lean, Kanban  
technics

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## Optional skills

Languages `HTML/JS, SQL, LATEX, Rust`

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## Interests

HighLoad, BigData, QA, CI/CD

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## Main contribute to OpenSource Projects

opencv `https://github.com/itseez/opencv`  
Open Source Computer Vision Library (`http://opencv.org`)

mpv `https://github.com/mpv-player/mpv`  
Video player based on MPlayer/mplayer2 (`http://mpv.io`)

agile `https://github.com/unn-vmk-software/agile-course-theory`  
`https://github.com/unn-vmk-software/agile-course-practice`  
Master course on Agile Development (theory and practice)