

# Alex Denisov

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📄 <http://lowlevelbits.org>

*Software should be beautiful. Both inside and outside.*

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## Projects

### Commercial Projects

Blacklane <https://itunes.apple.com/us/app/blacklane/id524123600>

**Client app for the Blacklane customers.**

Introduced Unit Testing.

Implemented event tracking to understand the users better.

Constantly improving maintainability of the code base.

Talendo <https://itunes.apple.com/us/app/talendo-jobborse-und-stellen/id763634231>

**Job-search portal for German market.**

Helped a designer to improve mockups and overall user-flow.

Developed API specifications for backend team.

Developed the app from a proof of concept to the AppStore.

Set up beta testing via Enterprise Distribution.

### OpenSource Projects

Clang <http://clang.llvm.org>

**C/C++/Objective-C compiler.**

Extended Objective-C's boxed expressions to accept C structures and unions.

Implemented new warning for Objective-C.

Fixed couple of bugs.

Committer since Feb, 2015.

My commits:

<https://github.com/llvm-mirror/clang/commits?author=AlexDenisov>

Gitlab <https://about.gitlab.com>

**Web-based Git repository manager.**

Implemented a few missing features.

Fixed a few bugs.

I do not work on this project anymore.

My commits:

<https://github.com/gitlabhq/gitlabhq/commits?author=AlexDenisov>

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## Experience

Sep 2014 - **iOS developer**, *Blacklane, Berlin, Germany*,

Present <https://blacklane.com>.

Maintaining existing apps: implementing new features, fixing bugs.

- May 2013 - **Software engineer**, *Railsware, Kiev, Ukraine*,  
Aug 2014 <http://railsware.com>.  
Assessment of requirements for software development and time estimation.  
Taught backend developers how to write iOS apps and learned from backend developers how to write backends.
- Oct 2012 - **iOS developer**, *Stanfy LLC. Kiev, Ukraine*,  
Mar 2013 <http://stanfy.com>.  
Assessment of requirements for software development and time estimation.  
Software development.
- Feb 2011 - **iOS/RubyOnRails developer**, *MLSDev LLC. Donetsk, Ukraine*,  
Oct 2012 <http://mlsdev.com>.  
Assessment of requirements for software development and time estimation.  
Software development. Web-services deployment and support.
- Aug 2010 - **C++/Qt developer**, *WiseTroll (Sole Proprietorship). Donetsk, Ukraine*.  
Feb 2011 Assessment of requirements for software development and time estimation.  
Software development.

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## Technical Skills

- Languages Objective-C, C++, Bash, Perl, Scala, OCaml  
VCS Git, SVN, Mercurial  
OS OS X, Linux (Debian)  
Techniques TDD, XP, CI, Scrum, Kanban

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## Education

- Apr 2015 - **From Nand to Tetris / Part I**, *Coursera*.  
Jun 2015 Learned basics of logic circuits. Implemented Assembler for the 'toy' machine used in a course.
- Sep 2014 - **Functional Programming Principles in Scala**, *Coursera*.  
Nov 2014 Learned basics of functional programming.
- Oct 2006 - **Software Development**, *Computer Academy "Step", Donetsk, Ukraine*.  
Dec 2011 Team member, represented Ukraine at the final of ImagineCup'10 at Poland.
- Sep 2006 - **Management of Organizations, Bachelor**, *Open International University of Human Development "Ukraine"*.  
Jul 2010

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## Public Activity

### Speaking

- CocoaHeads **Compilation Process**, *How a program is born*.  
Berlin Slides: <https://speakerdeck.com/alexdenisov/compilation-process>
- CocoaHeads **BloodMagic**, *Custom property attributes for Objective-C*.  
Berlin Slides: <https://speakerdeck.com/alexdenisov/bloodmagic>

### On the Internet

- Blog <http://lowlevelbits.org>  
GitHub <https://github.com/AlexDenisov>  
LinkedIn <http://www.linkedin.com/pub/alexey-denisov/2a/bab/a29>