

Izzat Mukhanov

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Location: Lille, France
Age: 25 years old



Summary

- I'm an engineer who likes programming, learning and team-working
- I prefer simplicity over complexity and knowledge over ignorance

Education

- [M.S. in Robotics, Control Engineering, Applied Informatics](#) 2012 – 2014
École Centrale de Nantes
- B.S. in Telecommunications 2007 – 2011
[Tashkent University of Information Technologies](#)

Work Experience

- Engineer, developer (C, C++, Python) 2014 - now
Cross-platform library [libpointing](#) to work with transfer functions
Company: [INRIA](#) with [Nicolas Roussel](#) and [Géry Casiez](#)
- Computer Vision and Machine Learning engineer 2014 (6 months)
Pedestrian Detection and Tracking system [\[thesis\]](#) [\[video\]](#)
Laboratory: [IRCCyN](#) with [Philippe Martinet](#)
- Intern, developer of [OpenSymoro+](#) (SYmbolic MOdeling of RObots) 2013 (4 months)
3D-Graphics, Symbolic Computing and UI
Laboratory: [IRCCyN](#) with [Wisama Khalil](#)
- Software engineer (Objective-C), iOS developer 2011 - 2012 (8 months)
Company: [SSD](#)
- Intern, software developer (C/C++) 2010 - 2011 (10 months)
Company: ProDVD (Project on Blu-Ray Video Processing)
- Intern, software developer and instructor (C#.NET) 2009 - 2010 (13 months)
Company: [BePro](#)

Professional Skills

- Knowledgeable:
 - C, C++, Python
 - Building, packaging and documenting
 - Cross-platform development
 - Continuous integration, TDD, Jenkins
 - Git, Mercurial
 - Design Patterns
 - Matlab modeling and simulation
 - HTML, CSS, Markdown, Latex
- Familiar:
 - ROS, Robot Programming (Val/V+), Catia, Modeling of Robots
 - JavaScript, Node.js, three.js
 - Objective-C, Pharo, C#.NET, PHP, SQL
 - OpenGL, OpenCV, CUDA

- Theoretical background:
 - Computer Vision, Machine Learning, Artificial Intelligence
 - Algorithms and Data Structures
 - Math, Optimization, Modeling
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Publications

- [OpenSYMORO : An open-source software package for Symbolic Modelling of Robots](#)
2014 IEEE/ASME International Conference on Advanced Intelligent Mechatronics (355)
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Miscellaneous

- Highly adaptable in quickly changing technical environments with very strong organizational and analytical skills
 - Excellent interpersonal and communications skills
 - Life-long learning oriented
 - Driver's license
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Languages

- English - fluent
 - French - fluent
 - Russian - native
 - Uzbek - native
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Hobbies

- Online courses
 - Foreign languages
 - Gym and cycling
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