

Roman Ripp

Computer Scientist

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Profile

Motivated, dynamic and talented graduate student looking for work experience in the computer science field. Have a true passion for technology and programming. Participant of google glass explorer program. Highly-skilled C/C++ and Java developer. In-depth understanding of Software Engineering, Algorithms and Data Structures, Distributed Systems and Machine Learning. Interested in Mobile Development, Data Analysis and Robotics. Some of my work can be seen on <http://goo.gl/VM9sc0>. Fast-learning, hard-working specialist with previous work and research experience. Seeking to advance professional career. Showed myself as organized, self-motivated and capable of working under pressure by combining my studies with work and other commitments. In 2012 was selected from over 1600 candidates and awarded with the Fulbright scholarship.

Education and Training

September 2012 –present	Master's studies in Computer Science , University of Minnesota Twin-Cities, USA
July 2012 – August 2012	Fulbright English For Graduate Studies , Monterey Institute of International Studies, USA
September 2011 – June 2012	Master's degree in Control for Technical Systems , Tomsk Polytechnic University, Russia
September 2007 – June 2011	Bachelor's degree in Automation and Control , Tomsk Polytechnic University, Russia.

Awards and Scholarships

July 2012 – present	Fulbright Foreign Student Program, USA.
September 2007 – May 2012	Government Stipend, Russia.
October 2007 – June 2011	Elite Education Stipend, Russia.

Work Experience

June 2013 - present	Research assistant at the Robotic Sensor Networks Lab (rsn.cs.umn.edu), University of Minnesota. (USA) Currently working on autonomous navigation algorithms for unmanned aerial vehicle.
August 2011 – May 2012	Developer. Worked on medical data analysis at the Siberian State Medical University. (Russia) Implemented the toolbox for organ failure risk estimation (Patent #2013618426).
September 2009 – October 2010	Software developer. Worked on a software library for industrial automation applications at the Tomsk Electronic Company (Russia). I have also get a chance to do operator interface design.

Skills

Languages	Russian - Native English - Fluent (<i>TOEFL ibt</i>)
Skills and competences	<ul style="list-style-type: none">• OpenCV, ARToolKit, LensKit, PMTK, Java-ml, LibSVM.• C/C++, Java, VisualBasic, IEC 61131-3 languages.• Linux, MacOS, Windows, Mobile platforms, Android.• Math and data analysis software, PTC MathCAD, MATLAB, SPSS Statistics.