# Anna Leonenko
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## Software engineer

I'm interested in modern technologies and a fast learner, looking for interesting projects to take part in. I could do backend development as well as frontend, having experience in software development as member of a scrum team and also experience in some branches of engineering and administrative job.

## Skills

- Java, C/C++, C# (beginner)
- Javascript, HTML, CSS
- Maven, Node js
- tSQL, PostgreSQL
- MVC, WebForms, ASP.NET
- Github, git, svn, Jenkins, JIRA
- Spring, EJB, J2EE, WildFly, Tomcat
- Intellij IDEA, eclipse, VS Code, Visual Studio, Qt
- Arduino, microcontrollers
- AutoCad, SpringLayOut, Photoshop, Lightroom
- Languages: English (Fluent), Russian (Native)

Aug 2016 Moved to the Netherlands to live together with my husband and then moved to USA with him. Currently unemployed.

# EXPERIENCE

### *Java Developer*, Sidenis Ltd. Switzerland-Russian IT company
June 2016 – Aug 2016, Saint Petersburg, Russia.
Worked on insurance management service riskmarket.sidenis.com as a scrum team member. Successfully implemented important system modules.
Responsibilities:
- Backend development
- Bug fixing
- Unit tests

Achievements:
- Order cancellation system
- User notifications system

### *Programming teacher, organiser, administrator,* Robotics department of Saint Petersburg Physical-Mathematical Lyceum
2014 – 2016 Saint Petersburg, Russia.
We were aimed to develop a good tool for our robotics purposes. I mainly worked on the new algorithms to make robots to manage different tasks and on the way our students can get it easy;

Same time I was a part of organizers team for annual [Robotics Festival](#);
Responsibilities:
- Study program planning, lesson planning;
- Teaching;
- Organisator of: annual robotics festival, city robotics competition (3-4 times per year), robotics summer camp;
- [Robofinist.org](#) and [robofinist.ru](#) administrating;

Achievements:
- Algorithm for mouse searching the way in labyrinth, based on the Lee Algorithm and added with the PID-controllers for a real robotic mouse in a real maze;
- Stabilization and navigation of flying robot made on an open-source hardware. I transferred the algorithm to the C++ code;
- Terminal on Raspberry Pi to engage pupil to the educational process;
- [3D game](#) for the debugging classes with Processing;

## Junior Robotics Engineer.

2014 – 2015 Saint Petersburg, Russia.
Worked in students laboratory at the university as a software engineer, taking part at the lab's projects. Some of them:
- Arm prosthesis which supposed to work accepting the myoelectric sensors;
- Health detecting bracelet device, which detects heartbeat and nervous state.

### *Technologist,* BUTIS Ltd, Microelectronics research and production company.

Dec 2011 – Sep 2014 Moscow, Russia.
Engineer in the microelectronics industry, according to my degree: photolithography and vacuum technology. Producing piezoelectric and microelectronic chips for wave-filtering for electronic devices from the crystal to microchip.

### *Evening School Teacher,* Moscow State Educational Center

Evening School "Intellect"
Sep 2011 - Dec 2011, Moscow, Russia.
Was government program to educate every school student in Moscow with what "nanotechnology" is by lecturing in every school and I was the lecturer of this program.

### *Student*, Saint Petersburg State Technological Institute (Technical University). Chemical technology of crystals, monocrystals and electronic device technics.

2006 – 2011 Saint Petersburg

***Laboratory Assistant***
May - September 2008 Saint Petersburg, FL, USA.
Summer job by Work&Travel USA at Science Department of Saint Petersburg College (Florida)

***Laboratory Assistant***
June - September 2007 Saint Petersburg, Russia.
Summer job at the "Shaumyana" plant as an analytical chemist. Saint - Petersburg, Russia.

# EDUCATION

***Master of Chemical Engineering at Saint Petersburg State Technological Institute (Technical University)***
2006 – 2011
Faculty: Chemistry of Substances and Materials.
Major: Chemical technology of crystals, monocrystals and electronic device technics.
Final paper: $Zn_2O_2$, $Al_2O_3$, $ZrO$ as a compound components of polymeric materials in microelectronic technology.

***Courses: Web Design, HTML, CSS and computer Graphics***
2009
Saint Petersburg State Institute (Technical University)

***Courses: Basic Robotics***
2014
Basic robotics mechanics, mechatronics, electronics, programming and algorithms for quick start in robotics.
Robotics center of Saint Petersburg, Russia.

***Courses: Beginning Game Programming with C#***
2015
Colorado university course on coursera.org

***Courses: The Arduino Platform and C programming***
2016
On coursera.org

***Courses: Object Oriented Programming in Java***
2016
University of San Diego course on coursera.org

***Courses: Algorithms part I***
2016
Princeton university course on coursera.org