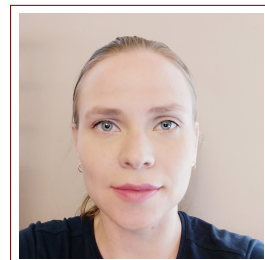# Anastasia Lyupa

11 Dirizhabelnaya st., apt. 24, Moscow region, Russia
✆ +7 915 061-53-50
✉ anastasiya.lyupa@gmail.com
🖰 linkedin.com/in/anastasia-lyupa-27656680

Objective

I am a skilled software engineer seeking employment with a company solving non-standard tasks. I've been working in a variety of projects from Linux kernel modules to Unreal Engine based simulator development. My major language is C/C++. Also I have Python programming experience. Besides I have research experience. I'm opened to new opportunities and challenges.

Experience

Feb 2013 – still here Samsung Research Russia

2019 **Engineer, Software Analysis Engineering**, *Sensor Data Part*, Development of a simulator for Robot Vacuum Cleaner. Writing map editor mode for the simulator, C++, Unreal Engine 4.

2018 **Engineer, Software Analysis Engineering**, *AI Tools Lab*, Development of a tool for combining several repositories into firmware. Setting up and maintaining CI, Python.
https://github.com/Samsung/combirepo

2017 **Software Engineer**, *SW Tools Lab*, Investigating issues in Tizen OS with ASan, SVACE. Fixing issues in system libraries. Preparation of reports and documentation, C/C++.
https://www.tizen.org/

2013 – 2016 **Junior Software Engineer**, *Tizen Platform Lab*, Low level profiling tool development for Tizen OS. Tizen bugs fixing and optimization, C, Linux.
https://www.tizen.org/

Development skills

Programming Languages

Intermediate	C, C++
Intermediate	Python

Frameworks and tools

Unreal Engine 4	Writing applications based on game engine
Development	Using build system related tools, shell scripting, Linix software development tools
CI	Setting up and maintaining Jenkins server, prepare docker containers
VCS	git
Latex	Scientific writing

Publications

My research topic is multiphase flow simulation. Publications are listed in my Research Gate profile. Some of them are indexed by Scopus and Web of Science.

Research Gate https://www.researchgate.net/profile/Anastasia_Lyupa/publications

Education

2014 – 2019	**Computer Science and Computer Engineering**, *Moscow Institute of Physics and Technology*, Department of Control and Applied Mathematics, Postgraduate education, Reseacher.
2012 – 2014	**Applied Mathematics and Physics**, *Moscow Institute of Physics and Technology*, Department of Control and Applied Mathematics, Master's degree. GPA 4.8
2008 – 2012	**Applied Mathematics and Physics**, *Moscow Institute of Physics and Technology*, Department of Control and Applied Mathematics, Bachelor's degree. GPA 4.8

Special skills

Languages

Native	Russian
Advanced	English
Elementary	Spanish

Other skills

Driving License	Category B
Hobbies	Sports activities