

## **PERSONAL INFORMATION**

Full name:	Svetlana Golubeva
Citizenship:	Russian Federation
Birth date:	26 Oct 1989
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Links:	github, HackerRank

## **EDUCATION**

2013 – 2019 — M.S. in Data Engineering  
Politecnico di Milano, Como, Italy  
Dipartimento di Elettronica, Informazione e Bioingegneria

2013 – 2015 — M.S. in Software Engineering  
2009 – 2013 — B.S. in Information Technologies  
Moscow State Institute of Radio Engineering, Electronics and Automation (MIREA), Moscow, Russia  
Department of Informational Technologies, Chair of Mathematical Support and Standardization of Information Technologies

2011 – 2013 — Professional activity area interpreter  
Moscow State Institute of Radio Engineering, Electronics and Automation (MIREA), Moscow, Russia  
Foreign Languages College

## **PROFESSIONAL EXPERIENCE**

2016 – current — technical support (full time freelance)  
OMC<sup>2</sup> design studios (A' Design Award & Competition), Como, Italy

- management of IT infrastructure
- software development
- research on topics
- events organization
- optimization of business processes
- development of SMM strategies

2018 – current — technical consultant (remote)  
Interuniversity research laboratory of coherent phase microscopy (MIREA), Moscow, Russia

- Development of teaching materials for «IT in optotechnics» course
- Integration of ML methods into current researches

2015 – 2018 — R&D engineer (remote)  
Software and IT-Standard department (MIREA), Moscow, Russia

- project management and implementation supervision for current projects
- development of search engine for the department's portal
- «KettleNet» project

2013 – 2015 — technical consultant (remote)  
Software and IT-Standard department (MIREA), Moscow, Russia

- development of the proposal for transfer of the department's infrastructure from proprietary to open source software
- development of the architecture for department's educational and administrative portal
- improvements of teaching courses for the chair
- solution of complex tasks

2011 – 2013 — System administrator (part time)  
Chair of Mathematical Support and Standardization of Information Technologies (MIREA), Moscow, Russia

- PC and network administration
- paperwork for educational department
- teaching assistance for professors

2009 – 2010 — Rescue service cadet  
MIREA, Moscow, Russia  
– provision of security and emergency services in the University  
– training of emergency response for students and personnel

## **PROJECTS**

2018 — Cells  
Goal: PhD.

2017 — KettleNet  
Goal: to prevent and block unauthorized access to IoT device.

2017 — Beer & Fish II  
Goal: to find better location for a new shop based on economic, social and urbanistic aspects of given area.

2016 — WaterStat  
Goal: to find out if there are significant patterns in the consumption of water resources and propose ways to increase effectiveness of management of the resources and decrease the environmental affects.

2015 — Beer & Fish  
Goal: to optimize trading expenses and build prediction model of types of beer to sold.  
Results:

- increased sales and level of customer satisfaction
- decreased expences

2015 — LoDe  
Goal: to find out if there is a hidden or suspicious activity based on given “blind“ financial reports.  
Results:

- “blindness“ of data makes analysis harder
- global market trends were discovered

2012 — SEPP  
Goal: to predict stock exchange prices and build optimal trading strategy for given assets.  
Results:

- strategy was successful for 9 of 10 companies
- total revenue growth for trader exceeds the expected rate by 10%

2011 — RetroDom  
Goal: to build 3d models and virtual tours of houses based on engineering drawings.  
Results:

- increased rate of sales
- company growth

## **TECHNICAL SKILLS**

- |                                 |   |
|---------------------------------|---|
| • <u>Operating systems:</u>     | Linux (Debian, Slackware, LFS) / Windows (XP, 7, 10)                  |
| • <u>Programming languages:</u> | L <sup>A</sup> T <sub>E</sub> X/ TiKz / R / Octave / Python / C / C++ |
| • <u>VCS:</u>                   | Git   |
| • <u>Software:</u>              | Emacs, T <sub>E</sub> XStudio, OpenOffice                             |

## **KEY INTERESTS**

- Machine learning / Statistical Analysis
- Information retrieval / Data mining
- Digital image analysis / Computer graphics

## **RECOMMENDATIONS**

- Anton Mironov, «amirinov@mirea.ru», head of Samsung IoT laboratory

- Vladislav Zverzhovskiy, «@mirea.ru», assistant

### **ADDITIONAL INFORMATION**

- Languages: Russian (native), English (pre-advanced), Italian (intermediate)
- Hobbies: Hiking, Photography, Writing, Knitting, Sewing