

# Aleksei Makogon

## Personal info

### Address

94120, Fontenay-Sous-Bois,  
France

### Phone

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## Skills

- **Data analysis:** experienced R and Python developer
- Advanced mathematics and econometrics
- **Deep Learning:** Keras, TensorFlow, Pytorch
- **Computer vision:** OpenCV
- **Soft skills:** communication, critical-thinking, problem-solving

## Languages

Russian ■■■■■■  
English ■■■■■■  
French ■■■■■■

## Education

Feb 2023

**Universite Paris Cite**

Doctorant

Sep 2019 -  
June 2021

**Saint-Petersburg state technological University, Russia**

Master of Science: Material Science

Saint-Petersburg state technological University, Russia

- Diploma with honors

Sep 2015 -  
June 2019

**Saint-Petersburg State Technological University, Russia**

Bachelor of Science: Material Science

- The final thesis received the award from the Committee for Science and Higher School

## Experience

Sep 2018 -  
Feb 2023

**Engineer-Researcher, ISC RAS**

Key responsibilities:

- Conduct scientific research (full-cycle)
- Analyze data and develop mathematical models
- Write reports and research papers

Apr 2019

**Internship**

Chimie ParisTech, Paris, France

June 2018 -  
Aug 2018

**Internship**

IMT Mines Ales, France

## Achievements

- Presented my start-up on the international technological exhibition "**Teknologia'17**", Helsinki, 2017
- Successfully ran a crowdfunding round for my start-up (2017)
- Author and co-author of more than **10 research papers**
- Trained students and developed a **handbook** on computer modeling during the final year of my masters
- Participated in **4 research projects** supported by Russian Science Foundation
- Received a grant from the Innovation Support and Development Fund (Digital Russia)
- Author of the registered software product "Program for solving reaction-diffusion equations" (registration in Rospatent N° 2020667912)
- Participated in Skolkovo Open University program in sustainable development "**SustainTech**"
- Awarded by the committee of higher school and science for an outstanding bachelor project
- Launched the production of protective face shields, which were supplied to the hospitals of St. Petersburg during the first wave of the COVID-19