

Maria Korneva

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SUMMARY

PhD, major experience – scientific analytics, methodology development and programming in theoretical and applied physics. Experienced in work with Python, Linux terminal (file system, vim, bash). Keen in development of fine solutions. Experienced in team work (leader of the group).

EDUCATION

Skolkovo Institute of Science and Technology (Skoltech)

PhD, Mathematics and mechanics

2019 - 2023

- **GPA:** 5.0 / 5.0
- **Achievements:** *extra scholarship*, 2 scientific papers in international journals, 1 of them - as first author
- **Specialization:** 01.01.03 Mathematical Physics

Skolkovo Institute of Science and Technology (Skoltech)

MSc, Advanced manufacturing and technologies

2017 - 2019

- **GPA:** 4.7 / 5.0
- **Achievements:** *extra scholarship*, first author of a scientific paper in international journal
- **Specialization:** 09.04.02 Informational Systems and Technologies

Moscow Institute of Physics and Technology (MIPT)

BSc + Ms, + PhD Faculty of Molecular and Chemical Physics

2012 - 2022

- **GPA:** 4.9 / 5.0
- **Achievements:** *extra scholarship*, 3 scientific papers in international journal, 2 of them - as first author
- **Specialization:** 03.03.01, 03.04.01 - Applied Mathematics and Physics

WORK EXPERIENCE

Sales Intensive, ChemRar

July, 2021

Worked in the department of international business development (pharmacy), ChemDiv Company as account manager. In a week have processed 150 international contacts (USA, Canada) including calls and e-mails.

Freelance – animation designer, head of the group

2019 – 2021

Executed orders for big Russian digital Company, specializing on book selling.
Responsible for: leading and mentoring of the group of animation designers, animation of audiobooks.
Development of visual products. The project has won high recognition and trust of the Company.

Kintech Lab

Moscow

Intern-researcher (internship)

50 june-july 2018

Design and development of the algorithm for the analysis of crystalline structure. The code has leveled up the speed of structure analysis and the quality of the computed parameters.

JIHT RAS

Moscow

Junior researcher

2013 - 2018

Scientific research, preparation of reports and presentations, writing articles, addressing the conferences.
I was early promoted to the position of Junior researcher for hardworking. Established new contact at the International Conference, France, Dijon, 2016.

Extra Education

MIPT Venture Capital Course

july-august, 2021

Learned about Analytics of the world Venture Capital markets. Worked on a case of the Space Tech startup, which included market research, analysis of the Series B Funding, investment trends.

Coursera, SQL for Data Science

august, 2021

Basic knowledge of SQL.

Challengelenge Toolkit. Finance

april-june, 2021

Completed the course, including Financial accounting, Financial modeling, Excel for Finance.

Product Lifecycle Managment (Skoltech)

october 2018 - may 2019

I have learned the following parts of product lifecycle: digital design, testing and validation, prototyping. Using these knowledge, our team has developed the UAV which was launched and demonstrated good flight.

Innovation Workshop (Moscow, Skoltech)

september, 2018

Successfully completed the program, which included the following blocks: soft-skills, business and innovations, team leadership, product lifecycle management. The project, presented by our team has won love and interest of the jury.

Skills and interests

Languages: English– Advanced

Hard Skills: Python, Linux, power point, Excel, C/C++, SQL

Social activity: student Start-up Club, student activity clubs

Interests: Design and animation, Vyond studio (animation), Figma, Photoshop, DaVinci Resolve (video), Vegas Pro