



Polina Kostina

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Skills

Programming languages

Python

MATLAB

Java Script

Other programs

PyMOL - structural biology

ImageJ - image analysis

Gwyddion - data analysis

LTspice - electronic circuit simulations

LaTeX

Microsoft Office software

Languages

Russian - native

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English - proficiency

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Italian - intermediate

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French - elementary

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Education

Delft University of Technology (TU Delft)

Delft, Netherlands

September 2019 to Present

Bachelor's Program in Nanobiology, joint degree with Erasmus Medical Center Rotterdam

Average grade: 7.0/10.0

University of Pisa

Pisa, Italy

September 2018 to July 2019

Foundation Course at Science

Average Grade: 9.6/10.0

School №146 with advanced study of Mathematics, Physics, and computer Science

Perm, Russia

September 2014 to July 2018

Average grade: 5.0/5.0

Special Courses

Quantitative Biology Workshop

MITx, 2021

Biochemistry: Biomolecules, Methods, and Mechanisms

MITx, 2019

Techniques of Genetic Engineering

Educational Center "Sirius", Sochi, Russia, 2017

Working Experience

Intern at Brinks Lab, Imaging Physics Department, TU Delft

Delft, Netherlands

July 2021 to August 2021

- Developed a part of a software for analysis of multiphoton voltage imaging experiments

Teaching assistant and laboratory assistant, Biology Department, "Summer School"

Moscow, Russia

July 2017 to Present

- Subjects taught: Biochemistry, Molecular Biology, Evolutionary Developmental Biology, Microbiology

Projects

Corona Research Super Project: Targeting Steps in the Viral Life Cycle of SARS-CoV-2: a Review of the Insights of the Current Antiviral Strategies of Influenza A Potentially Applicable to SARS-CoV-2

Rotterdam, Netherlands

March 2020 to September 2020

Volunteering Experience

Skolkovo Institute of Science and Technology, educational conference "Ostrov 10-22"

Moscow, Russia

June 2019 to July 2019

Volunteer at the animal shelter "Dobroye Serdtse"

Perm, Russia

September 2010 to July 2018