

## Personal Information

Full Name: Maria Nikoghosyan  
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## Education

2013 - Present **Master's student**  
Specialty: Bioinformatics, Bioengineering and Molecular Biology  
Russian - Armenian University (RAU)

## Professional Experience

Jan 2017 – Jan 2018 **Trainee**  
Research Group of Bioinformatics, Institute of Molecular Biology, NAS RA  
Yerevan, Armenia

Feb 2018 – Present **Research assistant**  
Research Group of Bioinformatics, Institute of Molecular Biology, NAS RA  
Yerevan, Armenia

## Conferences and Workshops

May 2016 FEBS Advanced Lecture Course  
Current Advances in Pathogen Research  
Yerevan, Armenia

Nov 2016 Introduction to Molecular Phylogenetics  
Yerevan, Armenia

Dec 2016 RAU annual scientific conference  
Yerevan, Armenia

May 2017 Systems Biology Workshop  
Bioinformatics Institute  
Saint Petersburg, Russia

Aug 2017 Bioinformatics Summer School  
Bioinformatics Institute  
Moscow, Russia

Sep 2017	NGS Summer School Warsaw, Poland
Dec 2017 Yerevan, Armenia	RAU annual scientific conference

### Certificates

2017	Data Science Orientation A course of study offered by Microsoft, An online learning initiative of Microsoft Corporation through edX.
2017	Introduction to Python for Data Science A course of study offered by Microsoft, An online learning initiative of Microsoft Corporation through edX.
2017	Querying with Transact-SQL A course of study offered by Microsoft, An online learning initiative of Microsoft Corporation through edX.
2017	Analyzing and Visualizing Data with Excel A course of study offered by Microsoft, An online learning initiative of Microsoft Corporation through edX.
2017	Data Science Essentials A course of study offered by Microsoft, An online learning initiative of Microsoft Corporation through edX.
2017	Essential Statistics for Data Analysis using Excel A course of study offered by Microsoft, An online learning initiative of Microsoft Corporation through edX.

### Research Experience and Technical Skills

Programming skills	R, Bash script
Bioinformatics skills	Genome-wide association studies (GWAS), High dimensional data analysis, artificial neural network - self-organizing map (SOM), Gene expression
Wet lab experience	DNA/RNA extraction, PCR, ELISA

Languages

Armenian (native), English (advanced), Russian (fluent)