

# Stepan A. Nersisyan

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Born: 30/11/1997, Moscow, Russia



## Education

2015 – present — student of Faculty of Mechanics and Mathematics, Lomonosov Moscow State University (graduation year: 2021)

2015 — graduated with honors from Moscow “Pirogovskaya” school

## Work experience

2017 – present — scientific consultant, Tauber Bioinformatics Research Center, University of Haifa, Israel.

*Responsibilities:* research and software development in the field of bioinformatics and systems biology.

2015 – present — teacher of pre-university school, Lomonosov Moscow State University.

*Responsibilities:* developing and delivering seminars in Mathematics and Python programming language to entrants of the Faculty of Computational Mathematics and Cybernetics.

## Programming skills

- Good C / C++ programming skills
- Strong Python programming skills (scikit-learn, NumPy, SciPy, Matplotlib)
- Good Wolfram Language programming skills
- Strong knowledge of HTML5, CSS3 (Less) and JavaScript (jQuery, AJAX, Highcharts, D3.js)
- Good knowledge of MongoDB
- UNIX / Linux operating systems
- Git / Mercurial

## Languages

- English
- Russian
- Armenian

## Publications

- Stepan A. Nersisyan and Yan I. Rakhmatulin. Pattern recognition in low-resolution instrumental tactile imaging. *International Journal of Circuits, Systems and Signal Processing*, 11:306–313, 2017.
- Stepan A. Nersisyan, Vera V. Pankratieva, Vladimir M. Staroverov, and Vladimir E. Podolskii. A greedy clustering algorithm based on interval pattern concepts and the problem of optimal box positioning. *Journal of Applied Mathematics*, 2017.