

Natalia Antonova

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Key Skills

- Programming languages: Python, MATLAB, Mathematica, R, LaTeX
- Web Development: HTML, CSS
- Working knowledge of Mac OS X and MS Windows environments
- Languages: English, Russian, American Sign Language

Education

- B.S., Mathematics *June 2018*
University of California, Irvine, Irvine CA
Specialization in Applied and Computational Mathematics, Minor in Statistics; GPA: 3.3
- **Henry M. Gunn High School**, Palo Alto CA *May 2014*
Unweighted GPA: 3.8; Distinguished Scholar; Varsity Basketball

Relevant Courses

- Programming with Software Libraries
- Introduction to Programming (Python)
- Introduction to Programming for Numerical Analysis (MATLAB and Mathematica)
- Statistical Methods with Application to Finance (MATLAB)
- Statistical Methods in Data Analysis (R)
- Basic Statistics
- Seminar in Data Science
- Introduction to Probability and Statistics (R)
- Probability and Stochastic Processes
- Numerical Analysis (Python and MATLAB)
- Mathematical Modeling
- Linear Algebra
- Single and Multivariable Calculus
- Math in Finance
- Introduction to Partial Differential Equations

Employment

- *Stack Crew Member* at Langson Library *March 2015 – June 2018*
University of California, Irvine, Irvine CA
Performed statistics keeping, sorting, organizing of books, maintained quality, order of stacks
- *Researcher* at Mathematical and Computational Biology for Undergraduates *Summer 2017*
University of California, Irvine, Irvine CA
Developed stochastic model on spread of Chlamydia trachomatis
- *Casual Worker* at Lagunita Dining *Summer 2014, 2015*
Stanford University, Stanford CA
Assisted hundreds of customers on all stages of dining at Stanford University

Conferences

- Mathematical Biosciences Institute Undergraduate Capstone Conference *August 2017*
Ohio State University, Columbus OH
Research presentation and poster about stochastic model of Chlamydia trachomatis behavior

Awards

- Russian National Champion in Deaf Basketball *April 2013*
- Bronze medal at FIBA U21 Deaf Basketball World Championship *July 2010*
- Member of Russian National Deaf Basketball Team *2010-2011*

Volunteering

- *Laboratory Assistant* *July 2013*
Scientific Research Institute on Laser and Information Technologies, Moscow, Russia
- *Teacher Assistant* *September-November 2012*
Palo Alto YMCA, Palo Alto CA