

## Natalia Antonova

+1(408) 508-4848 (text only) | natalia@antonova.us | <https://github.com/NAntonova>

### Key Skills

- Programming languages: Python, MATLAB, Mathematica, R
- Tools: SQL, Excel, PowerPoint, LaTeX, HTML, CSS
- 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

- |  |  |
|--|--|
| • Statistics                               | • Programming with Software Libraries (Python) |
| • Probability and Stochastic Processes (R) | • Mathematical Modeling                        |
| • Statistical Methods in Data Analysis (R) | • Linear Algebra                               |
| • Statistical Methods in Finance (MATLAB)  | • Single and Multivariable Calculus            |
| • Seminar in Data Science                  | • Partial Differential Equations               |
| • Numerical Analysis (Python, MATLAB)      | • Physical Geography                           |

### Certifications

- LinkedIn: Visualizing Geospatial Data with Power Map in Excel *October 2018*

### Employment

- *Stack Crew Member* at Langson Library *March 2015 – June 2018*  
**University of California, Irvine**, Irvine CA  
Kept statistics; assisted customers; performed sorting, organizing of hundreds of books per shift; maintained excellent quality and order of stacks
- *Researcher* at Mathematical and Computational Biology for Undergraduates *Summer 2017*  
**University of California, Irvine**, Irvine CA  
Stochastic modeling of the spread of Chlamydia trachomatis (MATLAB, Mathematica, LaTeX)
- *Casual Worker* at Lakeside Dining *Summer 2014, 2015*  
**Stanford University**, Stanford CA  
Provided outstanding dining experience to hundreds of customers on all stages

### 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*
- Outstanding Artist Award *May 2012*

### Volunteering

- *Volunteer* at Diversity in Mathematics Festival *April 2017*  
**University of California, Irvine**, Irvine CA