**Natalia Antonova**

natalia@antonova.us | https://github.com/NAntonova

**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**

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

* *Volunteer at Diversity in Mathematics Festival April 2017*

**University of California, Irvine**, Irvine CA

* *Laboratory Assistant July 2013*

**Scientific Research Institute on Laser and Information Technologies**, Moscow, Russia