

Olga Botvinnik

Curriculum Vitae

University of California, San Diego
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Education

- 2012–**Ph.D., Bioinformatics and Systems Biology**, *University of California, San Diego*, La Jolla, CA, Thesis: Computational analysis of single-cell alternative splicing. Advisor: Gene Yeo.
- 2012 **M.S., Bioinformatics and Biomolecular Engineering**, *University of California, Santa Cruz*, Santa Cruz, CA, Advisor: Nader Pourmand.
- 2010 **S.B., Biological Engineering**, *Massachusetts Institute of Technology*, Cambridge, MA.
- 2010 **S.B., Mathematics**, *Massachusetts Institute of Technology*, Cambridge, MA.

Research Positions

Honors and Awards

- 2016 100 Awesome Women In The Open-Source Community You Should Know, [sourced.com](#)
- 2014 NumFocus John Hunter Technical Fellow
- 2012 National Defense Science and Engineering Graduate Fellowship
- 2012 Fannie and John Hertz Foundation Fellowship Finalist

Publications

Teaching and Leadership

- 2016 **Bioinformatics Teaching Assistant**, *Single Cell Analysis Course*, Cold Spring Harbor Laboratories, Cold Spring Harbor, NY.
Developed and led bioinformatics coursework including alignment, machine learning, Python, and basic command line tools to an audience largely with little to no programming experience. Course materials available at <http://github.com/YeoLab/single-cell-bioinformatics>
- 2015-2016 **President and Co-Founder**, *Graduate Bioinformatics Council*, La Jolla, CA, [asdfasf](#).
- 2016 **Guest Instructor**, *Quantitative Methods in Genetics and Genomics*, La Jolla, CA, [asdfads](#).