Matthew N. Bernstein

Education	**Ph.D. Computer Sciences**, Expected 2019 University of Wisconsin – Madison Advisor: Colin N. Dewey **M.S. Computer Sciences**, 2015 University of Wisconsin – Madison **B.S. Computer Science**, *magna cum laude*, 2013 University of Notre Dame
Experience	**Graduate Research Assistant** University of Wisconsin – Madison, Madison, WI 2014-present **Teaching Assistant (Lecturer)** University of Wisconsin – Madison, Madison, WI 2013-2014 **Software Development Engineering Intern** Amazon Inc., Seattle, WA Summer 2014 **Software Development Engineering Intern** Amazon Inc., New York, NY Summer 2013 **Research Intern** Space and Naval Warfare Systems Command, San Diego, CA Summer 2012
Awards and Fellowships	**Computation and Informatics in Biology and Medicine Traineeship** 2015-2018 **Best Plenary Presentation** National Library of Medicine Informatics Training Conference, June 6, 2017, San Diego, CA **University Housing Honored Instructor** University of Wisconsin – Madison, Fall 2013
Academic Societies	Tau Beta Pi Upsilon Pi Epsilon

Peer reviewed publications	**Bernstein, M.N.**, Doan, A., Dewey, C.N. (2017). MetaSRA: normalized human sample-specific metadata for the Sequence Read Archive. *Bioinformatics.*
Invited talks	*MetaSRA: normalized human sample-specific metadata for the Sequence Read Archive* National Library of Medicine Informatics Training Conference, June 5-6, 2017, San Diego, CA
Invited poster presentations	*MetaSRA: normalized human sample-specific metadata for the Sequence Read Archive* RNA-Seq Summit, April 26-27, 2017, San Francisco, CA
	Standardizing Sample Specific Metadata in the Sequence Read Archive National Library of Medicine Informatics Training Conference, June 27-28, 2016, Columbus, OH
Teaching	CS302 - Introduction to Computer Programming Lecturer, Spring 2014, University of Wisconsin – Madison
	CS302 - Introduction to Computer Programming Lecturer, Fall 2013, University of Wisconsin – Madison
Service	Computer Sciences Graduate Student Welcome Weekend Planning committee member, Spring 2016, Madison, WI
	Scratch computer programming club at Stephens Point Elementary Club leader, Spring 2015, Madison, WI
	Computer Sciences Graduate Student Welcome Weekend Planning committee chair, Spring 2015, Madison, WI
	Computer Sciences Graduate Student Welcome Weekend Planning committee member, Spring 2014, Madison, WI