

Matthew N. Bernstein

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EDUCATION	University of Wisconsin - Madison <i>Ph.D. Computer Sciences</i>	Madison, WI Expected 2019
	University of Wisconsin - Madison <i>M.S. Computer Sciences</i> GPA: 3.90/4.0	Madison, WI December 2015
	University of Notre Dame <i>B.S. Computer Science</i> <i>Magna Cum Laude</i>	Notre Dame, IN May 2013

HONORS

- Awarded a **Computation and Informatics in Biology and Medicine** training grant
- UW Division of Housing **Honored Instructor Award** – “In recognition of your invaluable contribution to student learning.” – December 2013
- **2nd Place 2013 Schurz Innovation Prize** – My team placed 2nd out of six teams in the Data Mining category of projects. We won a cash prize of \$1500 – May 2013
- **Honor societies:** Tau Beta Pi, Upsilon Pi Epsilon

EXPERIENCE	University of Wisconsin - Madison <i>Research Assistant</i>	Madison, WI August 2013 – Present
	<ul style="list-style-type: none">• Developing methods for analyzing large, public repositories of RNA-sequencing data	
	Amazon.com <i>Software Development Engineering Intern</i>	Seattle, WA June 2014 – August 2014
	<ul style="list-style-type: none">• Designed, implemented, and launched an inline search suggestions feature for the customer-facing Amazon Local website’s search bar. Search suggestions are served in real-time as the customer is typing a query• Designed, implemented, and launched an offline system that uses previous customer search behavior to build an index of search suggestions	
	University of Wisconsin - Madison <i>Teaching Assistant</i>	Madison, WI August 2013 – May 2014
	<ul style="list-style-type: none">• Lectured three times per week to a section of 30 students in CS302 - Introduction to Programming• Created assignments, quizzes, and lesson plans for my class• Designed two programming projects that all ~700 students enrolled in CS302 were required to complete	
	Amazon.com <i>Software Development Engineering Intern</i>	New York, NY May 2013 – August 2013
	<ul style="list-style-type: none">• Worked on Amazon Posts – a tool that allows brands to create short, social messages that appear on various feeds across Amazon websites• Revamped front-end experience for both customers and business customers• Created backend endpoints to support new front-end design	
	Space and Naval Warfare Systems Command (SPAWAR) <i>Research Intern</i>	San Diego, CA May 2012 – July 2012
	<ul style="list-style-type: none">• Conducted computer science research in a naval research laboratory• Explored how to apply machine learning methods for determining political group affiliation of anonymous internet authors	

SKILLS

Programming Languages: Java (most proficient), Python (most proficient), C (some experience), C++ (some experience)

Hobbies: visual arts, golf, skiing