

Ana Bealo

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EDUCATION	University of Rochester , Rochester, New York, USA	
	Bachelor of Science (B.S.) in Computer Science • Graduated with Distinction.	Sep 2011 – May 2015
	Bachelor of Art (B.A.) in Mathematics • Graduated with Distinction.	Sep 2011 – May 2015
ACADEMIC AWARDS	Dean's List, Spring 2012 through Spring 2014, College of Arts and Science For attaining a semester GPA of at least 3.4	2012 – 2014
WORK EXPERIENCE	Factset Research Systems , Boston, MA, USA	
	Software Engineer, • Work on risk analytics team	Jul 2015 – Present
	Charles River Analytics , Cambridge, MA, USA	
	Software Engineering Intern, • Re-factored Java system to classify oceanic objects, focused on identifying torpedoes based on acoustical analysis • Built Java system to implement conversion analysis of geosynchronous satellites in orbit • Implemented algorithms to mathematically deduce how to identify satellites based on keplerian orbital mechanics • Designed base architecture and MySQL database for pulling data from a satellite tracking API and for a probabilistic Java/Scala association engine	May 2014 – Sep 2014
	Anadigics Inc. , Tyngsboro, MA, USA	
	Software Engineering Intern, • Rewrote and documented existing data analysis code to run more efficiently and be more maintainable • Re-factored a large Visual Basic codebase in an Excel Macro for histogram generation	May 2013 – Sep 2013
	Anadigics Inc. , Tyngsboro, MA, USA	
	Test Engineering Intern, • Rewrote and documented existing data analysis code to run more efficiently and be more maintainable • Analyzed large data sets using Excel, JMP and Data Desk • Presented data findings using PowerPoint and summary reports • Created universal cables for lab electrical test station rewiring	May 2012 – Sep 2012
TEACHING ASSISTANT EXPERIENCE	University of Rochester CS Department , Rochester, NY, USA	
	Head TA for Data Structures and Science of Programming, • Work on risk analytics team	Sep 2014 – May 2015
	TA for Data Structures and Science of Programming, • Lead small group learning as a workshop leader • Clarified complex ideas learned in lecture	Sep 2013 – May 2014
	University of Rochester Math Department , Rochester, NY, USA	
	TA for Calculus I and Calculus II • Prepared and taught weekly lesson plans • Tutored students one on one to assist outside the classroom	Sep 2012 – May 2014
FAVORITE CLASSES	Computer Science , Algorithms, Computation and Formal Systems, Introduction to Cryptography, Science of Data Structures, Computer Models and Limitations, Introduction to AI Computer Models and Limitations Mathematics Combinatorics, Introduction to Probability, Linear Algebra	
COMPUTER LANGUAGES	Proficient Java, C++	
	Intermediate Python, Javascript, \LaTeX	