

# Alisha Ukani

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Education	<b>Weston High School</b> , Weston, Massachusetts, Class of 2016	
	Straight “A” student; 4.58 weighted GPA, 3.96 unweighted GPA	
	<b>AP Computer Science</b> , “A” grade, score of 5 on the AP Exam	2012-2013
	<b>Harvard University</b> , Cambridge, Massachusetts	
	<b>CS50: Intensive Introduction to Computer Science</b> , “A-” grade	Fall 2014
	<b>CS15: Dynamic Web Applications</b> , “A” grade	Summer 2014
	<b>CSCI-E22: Data Structures</b> , expected	Fall 2015
Work and Research	<b>Conjuguemos</b> , Game Developer	Summer 2015
	Conjuguemos is a site that helps high school students master other languages.	
	Developed a game to help students conjugate verbs correctly	
	<b>StudentRND</b> , CodeDay Boston Local Organizer and Evangelist	Spring 2015-Present
	Finding sponsors, mentors, and judges; mentoring students; and running workshops for a 24-hour programming event for high school students	
	<b>Garner Lab</b> , Harvard University, Research Intern	Summer 2014-Present
	Investigation of mechanisms for conservation of volume in bacteria	
	Algorithm for detecting degenerate motifs in bacterial genomes	
Awards and Recognition	<b>Aspirations in Computing</b> , National Center for Women & IT (NCWIT)	2015
	Massachusetts Winner, National Runner-Up	
	<b>USA Computing Olympiad Contest (USACO)</b> , Silver Division	2015
	<b>Providence College High School Programming Contest</b> , 3 <sup>rd</sup> place	2015
	<b>Bausch + Lomb Honorary Science Award</b>	2015
	<b>Harvard Book Prize</b>	2015
	<b>Departmental Award for AP Biology</b> , Weston High School	2015
	<b>US National Chemistry Olympiad Participant</b>	
	<b>Letters of Commendation</b> , Weston High School	2014-Present
	Math Department (2014), Science and English Departments (2013)	
Projects	<b>Ungentry</b> ( <a href="#">link</a> ), a website mapping patterns of urbanization and gentrification in Boston	
	<b>Project Seed</b> ( <a href="#">link</a> ), a server that provides resources for people without consistent internet connection	
	<b>Dear Colleagues</b> , a website facilitating internal communication in Congress. Won first place in the “Improving the Lawmaking Process” category at Hack4Congress 2014.	
	<b>QuiziCal</b> ( <a href="#">link</a> ), the first web app for schools to coordinate dates for assessments	
	<b>NovelLit</b> , a unique web app for sharing reading material of all types of media. Won the Best Application Award at CodeDay Boston Fall 2014.	
Skills	Ruby, Python, PHP, JavaScript, CoffeeScript, Java (including Android development), C, Racket, HTML, Jade, Markdown, CSS, Less, Flask, jQuery, Laravel, Ruby on Rails, Sinatra, Harp.js, Node.js, Twilio API	
Extra Curricular Activities	<b>Girls Who Code Weston</b> , Teacher	2014-Present
	<b>Code for Boston</b> , Member	2014-Present
	<b>Weston High School Computer Science Team</b>	2012-Present
	<b>Weston High School's Science Olympiad Team</b>	2012-Present
	Co-Captain (2015-2016), Secretary (2014-2015)	
	<b>Weston Schools Math Team</b>	2011-Present
	Co-Captain (2015-2016)	
	<b>Principal's Advisory Council, Class of 2016 Representative</b>	2013-15
	<b>Student Council, Class of 2016 Representative</b>	2012-15