

Alisha Ukani

(781) 893-1113

www.alishaukani.com

234 Winter Street, Weston, MA 02493

www.github.com/alisha

alishaaukani@gmail.com

Education

Weston High School , Weston, Massachusetts, Class of 2016	
Straight "A" student; 4.58 weighted GPA, 3.96 unweighted GPA	
AP Computer Science , "A" grade, score of 5 on the AP Exam	2012-2013
Harvard University , Cambridge, Massachusetts	
CS50: Intensive Introduction to Computer Science , "A-" grade	Fall 2014
CS15: Dynamic Web Applications , "A" grade	Summer 2014
CSCI-E22: Data Structures , expected	Fall 2015

Work and Research

Conjuguemos , 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	
StudentRND , 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	
Garner Lab , 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

Aspirations in Computing , National Center for Women & IT (NCWIT)	2015
Massachusetts Winner, National Runner-Up	
USA Computing Olympiad Contest (USACO) , Silver Division	2015
Providence College High School Programming Contest , 3 rd place	2015
Bausch + Lomb Honorary Science Award	2015
Harvard Book Prize	2015
Departmental Award for AP Biology , Weston High School	2015
US National Chemistry Olympiad Participant	
Letters of Commendation , Weston High School	2014-Present
Math Department (2014), Science and English Departments (2013)	

Projects

Ungentry (link), a website mapping patterns of urbanization and gentrification in Boston
Project Seed (link), a server that provides resources for people without consistent internet connection
Dear Colleagues , a website facilitating internal communication in Congress. Won first place in the "Improving the Lawmaking Process" category at Hack4Congress 2014.
QuiziCal (link), the first web app for schools to coordinate dates for assessments
NovelLit , 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

Girls Who Code Weston , Teacher	2014-Present
Code for Boston , Member	2014-Present
Weston High School Computer Science Team	2012-Present
Weston High School's Science Olympiad Team	2012-Present
Co-Captain (2015-2016) , Secretary (2014-2015)	
Weston Schools Math Team	2011-Present
Co-Captain (2015-2016)	
Principal's Advisory Council, Class of 2016 Representative	2013-15
Student Council, Class of 2016 Representative	2012-15