Hashma Shahid

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education:

Mount Holyoke College (MHC) - B.A. Computer Science, B.A. International Relations **Graduation:** 2017
GPA: 3.6 **CS GPA:** 3.7

relevant coursework: Advanced Object-Oriented Prog., Data Structures, Symbolic Logic, Information Retrieval, Search Technologies for Data Science

languages:

English fluent, *Urdu/Hindi* fluent, *Punjabi* fluent, *French* limited

technical skills:

Java, ActionScript, HTML/CSS, Python, SQL, Bootstrap, CherryPy, Ruby on Rails, SQLite, AWS, Hadoop, Swift

website:

http://www.hashmashahid.me

projects:

Twitter Countries' Sentiment Analysis: Used the Twitter API and Python NLTK to perform sentiment analysis on tweets, to understand the correlation b/w popular sentiment about countries and relevant media coverage. Continued the project in Hadoop in Spring 2016.

Jorge's Trading Post *(jorgestradingpost.heroku.com):* An e-commerce website developed using Ruby on Rails and Bootstrap.

s.a.f.e. *(Android app):* Co-developed an Android app that places emergency calls via a wearable using Java for the back-end and an ESP8266 Wi-Fi.

Opensource Contributor *(jTEAMMATES):* An opensource project developing software for teachers and students in Java.

5 Minute In-Seat Workout App: An exercise iOS app for elderly persons developed in Swift.

Hack4Humanity *(Google Headquarters, New York):* Co-developed an iOS app in Adobe Air using Actionscript to prevent domestic violence and assault.

Interactive Hallways for Interaction and Retention in Technology: Co-developed interactive programs using Flash and CVEvent for projection in hallways. Applications respond to touch and motion.

experience:

MaGE Mentor   2015 - present
Megas and Gigas Program, MHC (funded by Google):
• Mentor students in Computer Science by working with them 1-1 conducting code reviews.

Code Camper   2016
Square College Code Camp, Square
• 1 of 20 women selected from a pool of over 500 applicants to partake in leadership and tech workshops at Square's Headquarters.

Teaching Assistant   2015 - present
CS101, CS322, CS336 MHC
• Mentor students for Object-Oriented Programming, Operating Systems and Info Retrieval.

Internet Engineering Intern   2015
MasterCard, St. Louis
• Developed a web application in CherryPy and SQLite to track status of load balancer pools and determine safety level of decommissioning.
• Co-developed a 3D visualization tool in J2EE that depicts the number of global MasterCard transactions.

Speaking, Arguing and Writing Mentor   2015 - present
Weissman Center for Leadership, MHC
• Work with students in 1-1 sessions to develop written and spoken communication skills.

leadership/public speaking:

Co-Founder and Co-Chair   2015 - 2016:
Girls in Tech Conference (GIT), Mount Holyoke College
• A tech conference geared towards highschool girls featuring lightning talks, mentorship and programming workshops.

Founder   2015 - present:
Technology Workshops (Pilot), Lahore, Pakistan
• Ran a hardware workshop for 20 children in Pakistan to spark an interest in sustainable technology.

Co-Executive and Web Developer   2014 - 2015
Five College Model United Nations Conference
• Managed a Secretariat of eight people and all logistical aspects for the nationally recognized conference attended by 100+ students.

Vice-President   2014 - 2015
Model United Nations Club, Mount Holyoke College
• Helped implement structural changes in training to improve our team's national ranking to **21 from 75.**
• Represented the college at conferences and won several awards in recognition for diplomacy and public speaking.

Public Relations and Web Developer   2014
C.A.U.S.E.
• Managed publicity for the community service organization including the website and social media
• **Project Coordinator Liaison** to facilitate communication with the board.

awards:

2015 GHC Scholar   2015
Grace Hopper Cleberation of Women in Computing (GHC)
• 1 of the 26 percent of 1900 applicants awarded the GHC Scholarship Grant to attend this year's Grace Hopper Celebration.

Finalist   2015
Grinspoon Entrepreneurial Award, Harold Grinspoon Foundation
• For displaying entrepreneurial spirit and initiating an original business venture for "musqeeto."

2nd Place   2016
Mount Holyoke College Annual Pitch Competition
• Awarded $500 for pitching my business venture, "musqeeto".

volunteer work:

Teacher   2014
Social Responisibilty Program, Lahore University of Management Sciences
• Organized summer school activities such as public-speaking, drama and fine arts for middle and high school girls.

Tutor
C.A.U.S.E., Mount Holyoke College   2013 - 2014
• Helped children with middle and high school coursework.