

Hashma Shahid

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education:

Mount Holyoke College (MHC) - B.A. Computer Science, B.A. International Relations

Expected Graduation: 2017

GPA: 3.6/4.0, **CS GPA:** 3.7/4.0

relevant coursework: Object-Oriented Programming, Advanced Object-Oriented Prog., Data Structures, Computing Systems, Symbolic Logic, Discrete Mathematics, Information Retrieval (Independent Study), Search Technologies for Data Science, Operating Systems, Algorithms

languages:

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

website:

<http://www.hashmashahid.me>

projects:

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

Co-Founder and Developer (musqeeto.com): A web based start-up to find, rate and review events and conferences. Currently in development using Ruby on Rails, Bootstrap and SQLite.

Jorge's Trading Post (jorgestradingpost.herokuapp.com): An e-commerce website for Mount Holyoke students to buy and sell things on campus. Developed the back-end using Ruby on Rails and SQLite, and the front-end using Bootstrap.

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

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 C# for projection in hallways. Applications respond to touch and motion, emulating a touch screen.

experience:

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

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

Teacher's Assistant 2015
CS101, Computer Science Department, MHC
• Helped Object Oriented Programming students with assignments in Unity and Java.

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

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

volunteer work:

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

technical skills:

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

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 basic hardware workshop (pilot program) for 20 children from an underfunded school 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.
• Responsible for managing publicity for the community service organization including web properties and social media
• **Project Coordinator Liaison** for two projects to facilitate communication with the executive board.

awards:

2015 GHC Scholar 2015
Grace Hopper Celebration 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 Concept Award, Harold Grinspoon Foundation
• For displaying entrepreneurial spirit and initiating an original business venture for "musqeeto."

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

2016