# Hashma Shahid

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## languages:
*English* fluent
*Urdu/Hindi* fluent
*Punjabi* fluent
*French* limited

## technical skills:
### proficient:
Java
ActionScript
HTML
CSS

### familiar:
Python
SQL
Ruby
C

### frameworks:
Bootstrap
CherryPy
Ruby on Rails
Jinja2
SQLite

## relevant coursework:
Object-Oriented Programming
Advanced Object-Oriented Prog.
Data Structures
Computing Systems
Symbolic Logic
Discrete Mathematics
Information Retrieval (Independent Study)

### In progess:
Search Technologies for Data Science
Operating Systems

## website:
http://www.hashmashahid.me

## education:
**B.A. Computer Science, B.A. International Relations**
*Mount Holyoke College*
**GPA:** 3.6/4.0, **CS GPA:** 3.8/4.0
**Expected Graduation:** 2017

## projects:
**2015 - present:** **Co-Founder and Developer,** *musqeeto.com*
- A web based start-up that allows users to find, rate and review events and conferences
- Currently in development using Ruby on Rails, Bootstrap and SQLite

**2015 - present:** **Jorge's Trading Post,** *jorgestradingpost.heroku.com*
- An e-commerce website for Mount Holyoke students to buy and sell things on campus
- Developing the back-end using Ruby on Rails and SQLite, and the front-end using Bootstrap

**2015** **s.a.f.e.,** *Android app*
- Co-developed an Android app that allows users to place emergency calls using a wearable
- Used Java for the back-end and utilized an ESP8266 Wi-Fi module for the wearable component

**2014** **Hack4Humanity**  *Google Headquarters, New York*
- Co-developed an iOS app in Adobe Air using Actionscript to prevent domestic violence and assault

**2014** **Interactive Hallways for Interaction and Retention in Technology**
- Co-developed interactive programs using Flash and CVEvent to be projected in hallways
- Applications respond to touch and motion as if driven by a touch screen

## experience:
**2015** **Internet Engineering Intern,** *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, operational visualization tool using Java in J2EE that allows users to view the number of global MasterCard transactions and network events
- Actively competed in weekly Toastmasters public speaking competitions

**2015 - present:** **Teacher's Assistant,** *CS101, Computer Science Department, Mount Holyoke College*
- Help Object Oriented Programming students with assignments in Unity and Java

**2015 - present:** **Speaking, Arguing and Writing Mentor,** *Weissman Center for Leadership*
- Work with students in one-on-one sessions to develop written and spoken communication skills

## leadership/public speaking:
**2015 - present:** **Founder,** *Technology Workshops (Pilot), Lahore, Pakistan*
- Ran a basic hardware workshop (pilot program) for 20 children from low-income backgrounds in Pakistan to spark innovation, creativity and an interest in sustainable technology

**2015 - present:** **Co-Founder and Chair,** *Girls in Tech Conference (GIT), Mount Holyoke College*
- Planning a tech conference (Spring 2016) geared towards highschool girls to create an interest in technology through lightning talks, mentorship and programming workshops

**2014 - 2015** **Co-Executive and Web Developer,** *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
- Developed the conference website from scratch using Bootstrap for the front-end

**2014 - 2015** **Vice-President,** *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

**2014** **Public Relations and Web Developer,** *C.A.U.S.E.*
- Responsible for managing the 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

## volunteer work:
**2014** **Teacher,** *Social Responisibilty Program, Lahore University of Management Sciences*
- Organized summer school activities such as public-speaking, drama and fine arts for girls

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

## awards:
**2015** **2015 GHC Scholar,** *Grace Hopper Cleberation of Women in Computing (GHC)*
- One of the 26 percent of 1900 applicants awarded the GHC Scholarship Grant to attend this year's Grace Hopper Celebration

**2015** **Participant,** *Square College Code Camp, Square*
- One of 20 women selected from a pool of over 1000 applicants to sepnd time at Square's Headquarters in January 2016 to particiapte in a series of leadership and tech workshops

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