

# Hashma Shahid

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## technical skills:

### proficient:

Java  
ActionScript  
HTML  
CSS

### familiar:

Python  
SQL  
Ruby

## frameworks:

Bootstrap  
CherryPy  
Ruby on Rails  
Jinja2

## relevant coursework:

Object-Oriented Programming  
Advanced Object-Oriented Prog.  
Data Structures  
Computing Systems  
Symbolic Logic  
Discrete Mathematics

### Taking currently:

Search Technologies for Data Science  
Operating Systems  
Practice and Applications of  
Data Management

## website:

<http://www.hashmashahid.me>

## languages:

English fluent  
Urdu/Hindi fluent  
Punjabi fluent  
French limited

## education:

2013 - present:

**B.A. Computer Science, B.A. International Relations**

*Mount Holyoke College*

**GPA:** 3.612/4.00, **CS GPA:** 3.779/4.00

## 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

**s.a.f.e.**, *Android app*

- Co-developed an Android app that allows users to place emergency calls using a wearable
- Coded in Eclipse using Java 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 C# 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 allowing users to view the number of global MasterCard transactions and network events
- Actively competed in weekly Toastmasters meetings

2015

**Teacher's Assistant**, *CS101, Computer Science Department, Mount Holyoke College*

- Help Object Oriented Programming students with assignments in ActionScript and Java

2015

**Peer Mentor**, *Mount Holyoke Speaking, Writing and Arguing Center*

- Work with students in one-on-one sessions to develop written and spoken communication skills

## leadership/public speaking:

2015

**Founder**, *Technology Workshops (Pilot), Lahore, Pakistan*

- Started basic hardware workshops for underprivileged children in Pakistan to spark innovation, creativity and an interest in sustainable technology

2015

**Co-Founder and Chair**, *Girls in Tech Conference (GIT), Mount Holyoke College*

- Planning a tech conference (Spring 2016) targeting highschool female students aimed at inspiring an interest in STEM through lightening 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 using HTML and CSS

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 Responsibility 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 Celebration of Women in Computing (GHC)*

- Received the GHC Scholarship Grant to attend this year's Grace Hopper Celebration

2015

**Nominated**, *Grinspoon Entrepreneurial Concept Award, Harold Grinspoon Foundation*

- For displaying entrepreneurial spirit and initiating an original business venture for "musqeeto"