

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

operating systems:

UNIX

relevant coursework:

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

In process:

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

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

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 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 that allows users to view the number of global MasterCard transactions and network events
- Actively competed in weekly Toastmasters meetings

2015 - present

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

- Help Object Oriented Programming students with assignments in ActionScript 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

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

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)*

- 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*

- 1 of 20 women selected from a pool of over 1000 applicants to spend time at Square's Headquarters in January 2016 to learn more about tech and programming

2015

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

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