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## Education

**B.A. Computer Science, B.A. International Relations, Mount Holyoke College**

**Class of 2017**

**GPA:** 3.612/4.00, **CS GPA:** 3.779/4.0

**Relevant Coursework:** Object-Oriented Programming, Advanced Object-Oriented Programming, Data Structures, Computing Systems, Symbolic Logic, Discrete Math

**Taking currently:** Search Technologies for Data Science, Operating Systems, Practice and Applications of Data Management

## Technical Skills

### Languages:

Proficient: Java, Flash/Actionscript, HTML, CSS

Familiar: Python, SQL, Ruby

**Frameworks:** Bootstrap, CherryPy, Ruby on Rails, Jinja2

**Other skills:** Eclipse, JUnit, Unix

## Projects

**Co-Founder, *musqeeto.com***

**April 2015 - present**

- 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

**s.a.f.e.**

**March 2015 - May 2015**

- Co-developed an Android app that allows users to place emergency calls at the press of a wearable
- Coded in Eclipse using Java and utilized an ESP8266 Wi-Fi module for the wearable component

**Hack4Humanity** *Google Headquarters, New York*

**Decemeber 2014**

- Co-developed an iOS app in Adobe Air using Actionscript to prevent domestic violence and assault

**Interactive Hallways for Interaction and Retention in Tecnology**

**September 2014 - December 2014**

- 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

**Internet Engineering Intern, MasterCard, St. Louis**

**June 2015 - August 2015**

- 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

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

**September 2015 - present**

- Help CS 101 (Object Oriented Programming) students with assignments in ActionScript and Java

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

**March 2015 - present**

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

## Leadership/Public Speaking

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

**May 2015**

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

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

**April 2015 - present**

- Planning a tech conference (Spring 2016) geared towards teaching highschool girls, between the ages of 15 and 18, about the tech industry through lightning talks, programming workshops, and mentorship

**Co-Executive and Web Developer, Five College Model United Nations Conference** **June 2014 - April 2015**

- Managed a Secretariat of eight people and all logistical aspects for the nationally recognized conference attended by 100+ students and developed the website using Bootstrap ([www.fcmun.com](http://www.fcmun.com))

**Vice-President, Model United Nations Club, Mount Holyoke College** **May 2014 - May 2015**

- 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, C.A.U.S.E.** **June 2014 - December 2014**

- 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

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## Volunteer Work

**Teacher, Social Responsibility Program, Lahore University of Management Sciences** **June 2014 - July 2014**

- Organized summer school activities such as public-speaking, drama and fine arts for girls

**Tutor, C.A.U.S.E., Mount Holyoke College** **September 2013 - May 2014**

- Helped children with middle and high school coursework

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## Awards

**2015 GHC Scholar, Grace Hopper Celebration of Women in Computing (GHC)** **August 2015**

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

**Nominated, Grinspoon Entrepreneurial Concept Award, Harold Grinspoon Foundation** **April 2015**

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