

# Nada Al-Thawr

Mount Holyoke College, 1023 Blanchard Student Center, South Hadley, MA 01075

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## EDUCATION

**Mount Holyoke College**, South Hadley, MA

Bachelor of Arts in Computer Science and International Relations, **GPA: 3.5**

**Expected May 2019**

### Related courses:

Algorithms (completed)   Google Android Development (completed)   Adv Object-Oriented Programming(completed)  
Natural Language Processing (in progress)   Programming Languages (completed)   Software Design (completed)

## TECHNICAL EXPERIENCE

**Software Developer Intern**, Booz Allen Hamilton, Washington D.C

**Summer 2018**

- Enhanced, and fully tested pay.gov; a PHP library that facilitates transactions by the Department of Labor services.
- Built the mobile site and created client-side asynchronous validation for the apprenticeship.gov Job Finder Form using React.
- Populated cluster pins on an Azure map based on the job listings populated by the apprenticeship.gov Job Finder tool.

**MaGE (Megas and Gigas Educate) Lead Computer Science Peer Mentor**, Mount Holyoke

**September 2017-present**

- Google-funded initiative to encourage historically underrepresented students in STEM to study Computer Science.
- Lead active learning modules based on programming concepts from class, and reviewed student's coding assignments.

**Teaching Assistant, Computer Science Department**, Mount Holyoke College

**September 2017-present**

- Debugged, explained and guided the coding process of introductory CS students.

**Teaching Assistant, Girls Who Code**, Amazon New York

**Summer 2017**

- Taught a class of 20 high school girls coding basics in Scratch, Python, Arduino C, JavaScript, HTML, CSS.

**Co-Chair & Director, HackHolyoke**, Mount Holyoke College

**March 2017-present**

- Organized a nationally recognized Hackathon for 200+ hackers that was the first to achieve the 1:1 gender ratio

**Technology Assistant, Library & Technology Services (LITS)**, Mount Holyoke College

**Summer 2016**

- Problem-solved weekly projects, and managed all the computer labs in three complexes
- Resolved the guest's technology related issues, and maintained a daily blog.

## PROJECTS

**YikesYak:** Lead a team of 4 in rebuilding an android app of a more positive YikYak and called it YikesYak. We used Android Studio and implemented a Queue Structure and linear layout for the incoming posts. I was in charge of handling the user interaction with our app. I implemented Google login API and register our app through Firebase.

**TwentyQuestions:** Implemented an unrestricted 20Q's game by parsing an xml life that contained all the questions and integrating it in my back-end program using Java. Used a binary search tree structure to progress through the yes or no questions. Used inheritance, an MVC model, and utilized swing graphics for the UI. The user is able to add questions and answers that the program doesn't know.

**Dont\_Puke:** Implemented a web app that pulls health inspection data of restaurants to help in navigating restaurants at Simmons Hackathon within a team of five. We used Ruby on Rails for the back-end and HTML, CSS & JavaScript for the front-end. I was in charge of creating our website and pulling the data and connecting the back-end and front-end.

## COMMUNICATION & RESEARCH EXPERIENCE

**Research MENA intern**, PartnersGlobal, Dupont Circle, Washington D.C

**June 2017-September 2017**

- Provide programmatic and logistical support for organizational capacity building and civil society strengthening initiatives in Yemen and assist in writing proposals, gender analyses and M&E indicators

## CURRENT COLLEGE ACTIVITIES

**Co-Chair & Director, HackHolyoke**

**March 2017-present**

**Co-Founder & Co-Chair, C4C (Code for Change)**

**February 2017-present**

**Co-Chair, Arab Student Union**

**September 2016-present**

**Dialogue Coordinator, International Students Organizing Committee**

**January 2016-present**

**Orientation Leader, Student Programs**

## SKILLS

**Languages:** Fluent in Arabic, English and Czech and Intermediate in German

**Software:** Java, Python, HTML, CSS, JavaScript, PHP, Drupal, React, Redux, Photoshop, MS Office, Salesforce, Upsource