

Nada Al-Thawr

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EDUCATION

Mount Holyoke College, South Hadley, MA

Bachelor of Arts in Computer Science and International Relations, **GPA: 3.65**

Expected May 2019

Related courses:

Algorithms (in progress)

Software Design (in progress)

Google Android Development (completed)

Discrete Mathematics(completed)

Programming Languages (completed)

Data Structures (completed) Computer Sys./Assembly Lang.(completed) Adv Object-Oriented Programming(completed)

TECHNICAL EXPERIENCE

MaGE (Megas and Gigas Educate) Computer Science Peer Mentor, Mount Holyoke College September 2017-present

- Google-funded initiative to encourage historically underrepresented students in STEM to study Computer Science.
- Assigned 6 students in introductory Computer Science to meet with weekly and review their coding assignments.
- Lead active learning modules based on programming concepts and topics in class.

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

- Organize a nationally recognized Hackathon for 200+ hackers that was the first to achieve the 1:1 gender ratio
- Delegate tasks and manage a team of 15 members

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

Summer 2016

- Managed all the computer labs in three complexes
- Answered the guest's technology related issues and helped to resolve them
- Problem-solved weekly projects in computer skills such as Photoshop, MS office, and maintained a daily blog

PROJECTS

Tetris: Implemented a Tetris game in Java using polymorphism, collision detecting algorithms, abstraction, Timers, Java Swing graphics and front-end development. I used an MVC model.

TwentyQuestions: Implemented an unrestricted 20Q's game by parsing an xml file 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-present

- 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

Arabic Language Assistant and Tutor, Mount Holyoke College, South Hadley, MA

January 2016-present

- Manage and organize a class of 23 students, and assist individuals or groups ranging from 2-23

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 Association

September 2016-present

Dialogue Coordinator, International Students Organizing Committee

January 2016-present

SKILLS

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

Computers: Java, Python, HTML, CSS, JavaScript, Photoshop, MS Office, Salesforce, Upsource