

# Farida Sabry

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## EDUCATION

**Smith College**, Northampton, MA

B.S. in Engineering & B.A. in Computer Science, expected May 2018

→ *Relevant courses:* Data Structures, Computer Graphics

## WORK EXPERIENCE

**Assistant**, Clark Science Center Computing & Technical Services, Smith College 2015-present

- Map the science quad's data network, maintain printers, and take apart old computers

**Lab Assistant**, Physics Department, Smith College 2015-present

- Set up labs and demos for physics classes, and organize inventory through FileMaker

**Intern**, Summer Science & Engineering Program, Smith College Summer 2015

- Taught a class called 'Designing Intelligent Robots', where I helped high school-aged girls construct LEGO robots, as well as build simple web pages to serve as daily documenting tools.
- Developed a static web page, using HTML and CSS that I learnt during training week, that I used as a demonstration for my students

## LEADERSHIP EXPERIENCE

**Treasurer**, *Middle Eastern & North African Alliance*, Smith College 2015-present

- Manage the org's budget, apply for funding, and plan for events accordingly

**Mentor**, *Girl Scouts' First Lego League Team*, Smith College Jan -Dec 2015

- Met with the team regularly to teach them the basics of LEGO robotics and helped them prepare for the FLL regional competition

**Volunteer/Instructor**, *Geek Is Glam Expo*, WPI Oct 2014 & Oct 2015

- Instructed workshops about the engineering process to girls aged 8-12 years old, using balloon-powered cars and flashlights as gateway activities

## ACTIVITIES

*Orgs I'm involved with*

- Middle Eastern & North African Alliance
- Smithies in Computer Science
- International Student Organization
- Engineers for a Sustainable World

*Hackathons I've attended*

- Hack Holyoke
- HackUmass
- Hack@Smith
- Hack the Planet

## SKILLS

*Programming Languages:* Java, Python, HTML5, CSS3, OpenGL, and jQuery

*Frameworks:* Bootstrap, Flask, Git

## AWARDS

*Scholar*, NeXXt Scholars Program, New York Science Foundation

2014-present

Most Clever Domain Name, Hack the Planet

Summer 2015

Best Hardware Hack, Hack@Smith

March 2015

1<sup>st</sup> place Open Category, World Robotics Olympiad Arabia, Qatar

November 2012