

# Farida Sabry

**E-mail:** fsabry@smith.edu

(413) 345-3705

**Devpost:** devpost.com/faridasabry

**Github:** github.com/faridsabry2

**LinkedIn:** linkedin.com/in/faridasabry

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## EDUCATION

**Smith College**, Northampton, MA

B.S. in Engineering & B.A. in Computer Science, **expected** May 2018, GPA 3.7

→ *Relevant courses:* Data Structures, Computer Graphics

→ Currently taking: Algorithms, Web Programming

## WORK EXPERIENCE

**Teacher Assistant**, Computer Science Department, Smith College

Jan 2015—present

- Hold drop-in sessions to help students with questions about the course material, as well as clarifying homework assignments and debugging Python.

**Lab & Learning Assistant**, Physics Department, Smith College

2016—present

- Assist in the active classroom environment by clarifying concepts, guiding student's thinking and bolstering their problem solving skills.
- Setup labs 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 used as a demonstration for my students—<http://cs.smith.edu/~100e-t2>

## LEADERSHIP EXPERIENCE

**Teacher Assistant**, Girls Who Code, Smith College Chapter

2016—present

- Facilitate learning and assist instructors in creating an atmosphere that's both fun & instructive

**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 help 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

*Hackathons I've attended*

- Hack the Planet
- HackUmass
- HackHolyoke
- Hack@Brown
- Hack@Smith

*Student Orgs I'm involved with*

- Maker Space
- Smithies in Computer Science
- Society of Women Engineers
- International Student Organization

## SKILLS

*Programming Languages:* Java, Python, HTML5, CSS3, and JavaScript

*Other:* Bootstrap, Flask, jQuery, React.js, Photoshop, Illustrator, Blender and Git

*Languages:* Arabic, English, and conversational French