

# Farida Sabry

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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, Algorithms, Web Programming

## WORK EXPERIENCE

**Teacher Assistant**, Computer Science Department, Smith College Jan 2016—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

- Responsible for setting up lab equipment and assisting during the intro physics class by clarifying concepts, guiding student's thinking and bolstering their problem solving skills

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

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

## LEADERSHIP EXPERIENCE

**Teacher Assistant**, Girls Who Code, Smith College Chapter 2016—present

- Facilitate learning and assist instructors in creating an environment that's both fun & instructive for the students

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

- Met with the team regularly to teach them the intricacies 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

*Orgs I'm involved with*

- Maker Space (Founder)
- Smithies in Computer Science (Tech & Design Chair)
- Society of Women Engineers (member)

## AWARDS

GHC Scholar, Anita Borg Institute for Women in Technology

NeXXt Scholar, New York Science Foundation

MEPI Scholar, US Department of State

2016

2014—present

2008—2014

## SKILLS

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

*Technologies:* Bootstrap, React, OpenGL, Blender, AutoCAD, and Git