

# Farida Sabry

 fsabry@smith.edu    faridasabry2    faridasabry    413-345-3705    faridasabry.com

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## EDUCATION

**Smith College**, Northampton, MA

expected May 2018

B.S. in Engineering & B.A. in Computer Science, GPA 3.7

→ *Relevant Courses*: Data Structures, Graphics, Algorithms, Web Programming

## SKILLS

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

*Other*: Bootstrap, Blender, AutoCAD, Photoshop, and Git

## WORK EXPERIENCE

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

Jan 2016—present

- Hold drop-in sessions to address questions about the Intro to Computer Science and Graphics courses, clarify homework assignments and help debug code (Python, JavaScript, WebGL)
- Assist professor with making quizzes, conducting surveys, and writing scripts to assess style

**Front-end Developer**, doc AI, NASA Ames Research Center

Jul—Aug 2016

- Developed the pre-launch web page for doc AI, an early stage startup that's currently developing a medical intelligent agent
- Built a chatbot prototype using RiveScript that informs patients about their blood results and responds to questions relating to flags in their data and how they can improve their health

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

Jun—Aug 2015

- Assisted in teaching 'Designing Intelligent Robots', a class where students constructed LEGO robots and built simple web pages to serve as daily documenting tools
- Developed a static page using HTML and CSS that was used as a demonstration for the students

## PROJECTS

**Kuk**, Web Programming, UMass Amherst

Spring 2016

- Developed a recipe web app catered towards people with dietary restrictions with a team of 7
- Placed 1st in an overall pool of 17 startup projects
- *Stack*: HTML5, CSS3, Bootstrap, React.js, MongoDB, Express, Node.js

## LEADERSHIP EXPERIENCE

**Tech & Design Chair**, Smithies In CS, Smith College

May 2016— present

- Organize Hack@Smith 2017, maintain club website and design promotional materials

**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

## AWARDS

GHC Scholar, Anita Borg Institute for Women in Technology

2016

NeXXt Scholar, New York Science Foundation

2014—present

MEPI Scholar, US Department of State

2008—2014