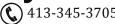
Farida Sabry

fsabry@smith.edu









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 NeXXt Scholar, New York Science Foundation MEPI Scholar, US Department of State

2016 2014—present

2008-2014