

Farida Sabry

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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

→ *Activities:* Founder of Maker Space, Tech & Design Chair of Smithies in CS, SWE member

SKILLS

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

Technologies: Bootstrap, React JS, RiveScript, 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

Learning Assistant, Physics Department, Smith College

Sep 2016—Jan 2016

- Set up labs and assisted the professor during the introductory physics classes by clarifying concepts, guiding students' thinking and bolstering their problem solving skills

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

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

Instructor, Introduce a Girl to Engineering Day, SWE

Feb 2016

- Led a workshop on Scratch programming, where 16 girls produced involved team projects

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