

Farida Sabry

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EDUCATION

Smith College, Northampton, MA expected May 2018
B.S. in Engineering & B.A. in Computer Science, GPA 3.71
→ *Relevant Courses:* Data Structures, Graphics, Algorithms, Web Programming, Unsupervised Machine Learning Seminar, and Microprocessors & Assembly Language

SKILLS

Programming Languages: (proficient) Java, Python, HTML5, CSS3, (familiar) JavaScript, C
Other: Amazon Web Services, Bootstrap, Git, AutoCAD, and Photoshop

WORK EXPERIENCE

SDE Intern, Audible, Cambridge MA Jun—Aug 2017

- Worked closely with two other interns to develop an end-to-end feature for the Audible app

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

- Hold drop-in sessions to clarify assignments and help debug code (Python, Java, JavaScript)
- Assist professors with making quizzes, grading labs, and writing practice midterm questions

Front-end Developer, doc.ai, NASA Ames Research Center Jul—Aug 2016

- Built a chatbot prototype that informs patients about their blood results and responds to questions relating to their health
- Developed the pre-launch web page and designed an interactive medical history

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 static web pages to serve as daily documenting tools
- Ensured the well-being and safety of students after hours

PROJECTS

Kuk, CS326 Web Programming, UMass Amherst Spring 2016

- Developed an end-to-end recipe web app catered towards people with dietary restrictions
- Placed 1st in an overall pool of 17 startup projects produced by classmates
- Stack:* HTML5, CSS3, Bootstrap, React, MongoDB, Express, Node

LEADERSHIP EXPERIENCE

Tech & Design Chair, Smithies In CS, Smith College May 2016— present

- Maintain club website and design promotional materials
- Organize the annual hackathon, HackSmith, and develop the front-facing website and its assets

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

- Facilitate learning and assist students in making Python and Scratch projects

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

- Met with the team regularly to teach them the intricacies of designing and programming LEGO robots, as well as help them research and prepare for the FLL regional competition

AWARDS

GHC Scholar, Anita Borg Institute for Women in Technology 2016
NeXXt Scholar, The New York Academy of Sciences 2014-2016