

# 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