

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

SKILLS

Programming Languages: (proficient) Java, Python, HTML5, CSS3, (familiar) JavaScript, and C

Other: Amazon Web Services (S3, DynamoDB, SNS), Bootstrap, React, 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 as part of the residential staff

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 the club website and design promotional materials for events
- Organize the annual hackathon, HackSmith, which brings together 200 students from various universities all over the North Coast, and develop the front-facing website and its assets

Teacher Assistant, Girls Who Code, Smith College Chapter

2016—present

- Facilitate learning for 16 girls amid the development of their 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 

DKSSF Scholar, Diana Kamal Scholarship Search Fund program, AmidEast

2014—present

NeXXt Scholar, The New York Academy of Sciences

2014—2016