

# Sara Kvaska

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## Education

### Harvard University

A.B Candidate in Computer Science, Secondary in Astrophysics

Cambridge, MA

August 2017 – May 2021

**Relevant Coursework:** Privacy and Technology, Visualization, Functional Programming and Abstraction, Theoretical Computer Science, Data Structures and Algorithms

## Experience

### Software Engineering Intern

NASA Jet Propulsion Laboratory

Pasadena, CA/Remote

June – August 2019, June – August 2020

- Implemented the small Uninhabited Aerial System Information Management System (sUAS IMS), a drone reservation system, in C# using the .NET Framework.
- Wrote API endpoints to enable Cron Job email reminders, created an Inventory page enabled with calendar availability and filtering using the front end, and implemented pickup time functionality for user reservations.

### Senior Digital Communications Intern

FAS: Harvard College Admissions and Financial Aid

Cambridge, MA

August 2018 – Present

- Spearheaded the Shoestring Guide Project; consolidated all information from an outdated app over to the College website in the form of 6 written guides.
- Analyze and report on digital engagement to inform strategy and coordinate with current students on social media and blog content.

### Teaching Assistant: Summer Immersion Program

Girls Who Code

Miami, FL

May 2018 – August 2018

- Supported the primary instructor in maintaining an exciting, engaging, and accessible classroom environment for a highly diverse group of 20 high school girls; effectively addressed students' challenges and questions to ensure that all students were engaged and learning course material.

### Google CodeU

Google

Miami, FL

May 2018 – August 2018

- Collaborated with a team of peers to design and implement a web application using Java, JavaScript, HTML and CSS over the course of 12 weeks, leveraging various Google Cloud Platform APIs, including App Engine and Datastore.
- Learned and followed industry best practices such as: contributing to open source software using Git and GitHub, conducting regular code reviews with/for teammates, designing new components and interfaces and leading them to completion.

## Leadership and Activities

### Girls Who Code Co-Director

Harvard Women in Computer Science

Cambridge, MA

August 2017 – Present

- Responsible for creating and teaching a curriculum to around 25 girls each fall and spring. (Curriculums have included Python, Robotics, HTML/CSS/JavaScript, and animation)
- Implemented mentorship and pen-pal programs to connect women studying computer science with young girls interested in coding.
- Increased the breadth of the program from the Boston area, to nationwide, and then internationally.

### Quincy Housing Committee

Design Co-Chair

Cambridge, MA/Remote

January 2020 – December 2020

- Responsible for planning house activities as well as working with the design board to create posters promoting our events including game nights, watch parties, open mic nights, and alumni panels.

## Skills

**Technical (Intermediate):** Python, C#, R, Angular, HTML, CSS, JavaScript

**Projects:** [sUAS IMS](#) (On my website under the Projects tab, C#),

[Transportation in Miami](#) (R), [Cap One: An Airbnb Helper](#) (Python & HTML/CSS),

**Personal Interests:** passionate about journal writing, training for half marathons, health and nutrition