

Sara Kvaska

kvaskas@college.harvard.edu • 305-713-6341 • <https://sarakvaska.github.io/> • <https://github.com/sarakvaska>

Education

Harvard University

A.B Candidate in Computer Science, Secondary in Astrophysics

Cambridge, MA

August 2017 – May 2021

Relevant Coursework: Privacy and Technology, Visualization, Data Structures and Algorithms, Introduction to Theoretical Computer Science, Computer Networks

Experience

Software Engineer 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

- Oversaw the publishing of all Student Stories (blogs) onto the college website; designed social media campaigns for the Harvard Admissions Instagram, Twitter and Facebook accounts; created and published between 100-150 posts and managed Instagram takeovers through Fall and Spring.
- Spearheaded the Shoestring Guide Project; conducted surveys with college students, met with the Harvard Financial Aid Initiative and consolidated information into online guides.

Teaching Assistant: Summer Immersion Program

Girls Who Code

Miami, FL

May 2018 – August 2018

- Supported the primary instructor in maintaining an exciting and accessible classroom environment for a diverse group of 20 high school girls; helped teach introductory computer science fundamentals in HTML, CSS, Javascript and Python.

Google CodeU

Google

Miami, FL

May 2018 – August 2018

- Served as the Product Manager on a team with 3 peers to design and implement an online chat 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 (WiCS)

Cambridge, MA

August 2018 – Present

- Created and taught a curriculum (which has included python, HTML and CSS, Javascript, animation, and robotics) to 25 girls each fall and spring.
- Led the shift to virtual programming and then increased the breadth of the program to include nationwide and international students.
- Organized a pen-pal program to connect young girls interested in computer science with women in the field.

Skills

Technical (intermediate): Python, C#.NET, Java, R, HTML, CSS, JavaScript

Projects: [sUAS IMS](#) (Under Projects, C#.NET), [Mariah Carey Season](#) (HTML/CSS, Javascript), [An Algorithm in Pursuit of Network Fairness: Bandwidth Allocation at Home in a Zoom World](#) (Python), [Transportation in Miami](#) (R), [Cap One: An Airbnb Helper](#) (HTML/CSS, Python)

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