

# sarah bawabe

Brown University  
Class of 2021  
**B.S. Astrophysics &  
B.A. Computer Science**

## CONTACT >>

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## RELEVANT COURSEWORK >>

Software Engineering  
Algorithms & Data Structures  
User Interfaces & User Experience  
Computer Animation  
Deep Learning  
Ordinary Differential Equations  
Linear Algebra  
Multivariable Calculus

## RECOGNITIONS >>

**Honorable Mention Recipient**  
CRA Outstanding Undergraduate  
Researcher Award 2021

**Recognized in News@Brown**  
for participation in SSTPRS  
[https://news.brown.edu/articles/  
2018/07/bawabe](https://news.brown.edu/articles/2018/07/bawabe)

## EXTRA-CURRICULARS >>

Volunteer for Brown's Elementary After-School Mentoring (BEAM) Program  
Member of the Club Field Hockey Team

## TECHNICAL STRENGTHS >>

Java (advanced)	Adobe Illustrator (advanced)
Python (advanced)	Adobe Photoshop (advanced)
HTML/CSS (advanced)	Adobe XD (advanced)
Javascript (advanced)	Adobe InDesign (intermediate)
Google Apps Script (advanced)	Figma (intermediate)
MATLAB (intermediate)	SQL (intermediate)

## EXPERIENCE / POSITIONS OF RESPONSIBILITY >>

### HCI Research Assistant

*Brown University | May 2020 - Present*

Designed and created a new grading software to be used in Jeff Huang's fall course, CS1300: User Interfaces and User Experience. This software allows students to pseudo-anonymously give feedback to their classmates' project submissions, thus minimizing the bias associated with having only one TA evaluate a handin.

### Head Teaching Assistant

*User Interfaces & User Experience | Jeff Huang | March - December 2020*

Heading the TA staff for the fall semester 2020, which involves hiring TAs, course development and planning, and all logistics associated with running a course.

### Undergraduate Teaching Assistant

*Object-Oriented Programming | Andries Van Dam | Aug. - Dec. 2019*

Helped students learn the basics of Object-Oriented Programming (taught in Java) as a TA for Andries Van Dam's introductory computer science course.

### Director of Public Relations

*Delta Gamma | February 2020 - present*

Handles all graphic design needs of the Delta Gamma chapter. This includes poster, sticker, and apparel designs, in addition to coordinating with the Communications board in order to maintain a consistent appearance.

### Theoretical Physics Research Assistant

*Stephon Alexander | February 2019 - present*

Studies the overlap of Machine Learning and Quantum Mechanics, and how best to teach machine learning concepts and implementations to interested physicists.

## RELEVANT PROJECTS >>

The UX Factor (JS/Google Scripts)	tIMDb (Java)
Portfolio Website (HTML/CSS/JS)	Doodle Jump (Java)
Review Finder (Java)	Tetris (Java)
Pacman (Java)	Stars (Java)