sarah bawabe

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

CONTACT »

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RELEVANT COURSEWORK »

COMPLETED
Software Engineering
Algorithms & Data Science
Scientific Computing
User Interfaces & User Experience
Linear Algebra & Multivariable Calculus

UPCOMING
Computer Animation
Deep Learning
Ordinary Differential Equations

EXTRA-CURRICULARS »

Volunteer for Brown's Elemenatary After-School Mentoring (BEAM) Program

Member of the Club Field Hockey Team

RECOGNITIONS »

Recognized in News@Brown
for participation in SSTPRS
https://news.brown.edu/articles/
2018/07/bawabe

TECHNICAL STRENGTHS »

Java (advanced)
Python (advanced)
HTML/CSS (advanced)
Javascript (intermediate)
SQL (intermediate)
MATLAB (intermediate)

Adobe Illustrator (advanced)
Adobe Photoshop (advanced)
Adobe XD (intermediate)
Adobe InDesign (intermediate)
Figma (intermediate)
Microsoft Office (advanced)

EXPERIENCE / POSITIONS OF RESPONSIBILITY »

Head Teaching Assistant
User Interfaces & User Experience | Jeff Huang | March 2020 - present
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.

HCI Research Assistant
Jeff Huang | May - August 2020
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.

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)
Portfolio Website (HTML/CSS/JS)
Review Finder (Java)
Pacman (Java)

tIMDb (Java)
Doodle Jump (Java)
Tetris (Java)
Stars (Java)