

# LAURA WILSON

Senior pursuing computer science at Brown University, with a passion for user-centered design.

## EDUCATION

**Brown University**, Providence, RI

Sep 2017 – May 2021

*Candidate for Sc.B. Computer Science*

4.0 GPA

**Select Coursework:** Data Structures & Algorithms, Software Engineering, Object-Oriented Programming, Computer Systems, UI/UX, Data Science

## WORK EXPERIENCE

**Software Engineering Intern**

May – Aug 2020

*Google, Cambridge, MA*

- Enriching the place-sheet of cities on Google Maps with area-explore features that display local iconic places and neighborhoods

**Teaching Assistant**

Aug 2018 – Present

*Brown University, Providence, RI*

- **UI/UX (Head Teaching Assistant)**
  - Works directly under professor to shape and coordinate the course, as well as manage the TA staff
  - Minimized grading time and improved student satisfaction by designing and building an automatic interface-grading platform
- **Software Engineering, Object-Oriented Programming, UI/UX**
  - Taught students technical concepts by leading discussions and labs, holding office hours, and developing course material

**Engineering Practicum Intern**

May – Aug 2019

*Google, San Francisco, CA*

- Built an improved appointment-booking page within Google Maps, in collaboration with co-intern.
- Expedited the booking process for users by building the client side of a responsive webpage in **Java**, **JavaScript**, and a templating language.
- Provided the most relevant results by configuring and issuing **RPCs** to re-fetch data and re-render components on user interaction.
- Verified the success of the page by creating and conducting an **A/B testing experiment**.

**Undergraduate Researcher**

Jan 2018 – May 2019

*Pen & Touch Computing Lab, Brown University*

- Worked with a team to develop a collaborative information management environment on the **web**, developed in **TypeScript** with **React**
- Added comprehensive support for **Pen & Touch** interaction by designing **full-stack** plan, with a focus on experimental bimanual operations

## SKILLS

**Languages:** Java, JavaScript/TypeScript (Reactjs), HTML/CSS, Python, C# / XAML, C, Racket

**Software:** Data Structures & Algorithms, Git / GitHub, UI/UX, Sketch, Adobe Illustrator & Photoshop & Premiere Pro, Figma

**Design:** Prototyping, User Testing, Graphics, Animation, Drawing, Visual Arts

## CONTACT

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(401) 719 – 6250

Portfolio:

[laurawilson17.wixsite.com/portfolio](http://laurawilson17.wixsite.com/portfolio)

## HONORS

1<sup>st</sup> Place,  
*RISD Make-a-thon 2020*

Grace Hopper Scholar,  
*GHC 2020*

## PROJECT SPOTLIGHT

**Dataverse**

[www.dataverse.fun](http://www.dataverse.fun)

An online universe that teaches kids about data structures through games.

**Team:** 4 students

**My contribution:**

The frontend structure and interaction of the games, multiplayer integration, and the art & design

## EXTRACURRICULARS

Mentor for female CS students at Brown

Board member of  
[Design@Brown](mailto:Design@Brown)

Organizer of CS Yearbook

Member of Women in  
Computer Science