

# Ashley Chang

ashley\_e\_chang@brown.edu ❖ (434) 849-4438 ❖ Providence, RI

## EDUCATION

---

### Brown University

*BA: Computer Science*

*BA: English*

**August 2019 – May 2023**

*Providence, RI*

*GPA 4.00/4.00*

## TECHNICAL SKILLS

---

- Expert in Python, Scala, Java, Word, and Excel
- Proficient in Javascript, React, HTML, CSS, Git, and C

## WORK EXPERIENCE

---

### Brown University Computer Science

*Undergraduate Teaching Assistant*

**August 2020 – Present**

*Providence, RI*

- Held office hours for students taking CS111 (Computing Foundations: Data) where I assisted them with their homework and class problems
- Conducted lab hours in which I taught students key computing concepts as well as provided guidance for them when they proceeded to do the subsequent lab assignment

### Watson Institute of Public Affairs

*Research Assistant*

**January 2020 – Present**

*Providence, RI*

- Manually and digitally transcribed thousands of 1960s Chinese government cables from the Ministry of Foreign Affairs
- Wrote computer programs in Python and Scala to keep track of documents processed as well as the content of the documents

## PROJECTS

---

### Comix Match

*Python, Flask, Selenium, HTML, CSS*

<https://comix-match.herokuapp.com/>

- Used Selenium to collect the Goodreads rating information for over seven thousand books
- Goodreads does not provide an option to sort books listed in their categorical shelves by rating, so I created a website which displayed the books in certain Goodreads shelves by rating, with the option of sorting the books by other methods such as by total reviews or random.

### Carpe

*React, React Native, Bootstrap*

<https://carpe.vercel.app/>

- Created a To-Do list web app that starts a stopwatch after each task is entered, with the purpose of focusing the user and thus increasing their productivity
- Used localStorage to cache inputted information and persist the site's state even after being closed
- Used React Native to create a native Android and iPhone version of Carpe (which is accessible at <https://github.com/spswatron/Carpe-Native.git>). Before deploying this app, I intend on improving its design.

### Homework Tracker

*React, Bootstrap*

<https://homework-tracker.vercel.app/>

- Created a web app with similar functionalities as Carpe. Instead of starting a stopwatch for every to-do list entered, however, Homework Tracker inputs each item into a calendar.

## ACTIVITIES

---

- Beatboxer for Ursa Minors acapella group, writing instructor for SEADD, Meiklejohn peer advisor