

Ashley Chang

☎ 434-849-4438

✉ ashley_e_chang@brown.edu

in [/ashley-e-chang](#)

🐙 [/spswatron](#)

🌐 [ashley-chang.me](#)

🎓 Education

Brown University

BA Computer Science

BA English

August 2019 – May 2023

Providence, RI

GPA 4.0/4.0

📊 Experiences

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 for 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

Ursa Minors Website

<http://ursa-minors.ashley-chang.me/>

- 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.

Comix Match

<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

<https://carpe.ashley-chang.me/>

- 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.

⚙️ Skills

Expert Python, Scala, Java, React, Word, and Excel

Proficient REST APIs, Javascript, HTML, CSS, Git, and C

📍 Activities

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