

Ashley Chang

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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