

Ji Zhang (Anna)

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EDUCATION

Brown University | Providence, RI Expected May 2024
Master of Science in Computer Science
Boston University | Boston, MA Sep 2018 - May 2022
Bachelor of Arts in Computer Science, minor in Visual Arts (**GPA:** 3.80/4.00; **Honors:** Kilachand Honors College/ Cum Laude)

SKILLS

Programming: Python, Java, JavaScript, React.js, HTML/CSS

Tools: Figma, Invision, Miro, Adobe XD, InDesign, Illustrator, Photoshop, Procreate, Jupyter Notebook, Tableau, LaTeX

Languages: Mandarin, English, Korean

WORK EXPERIENCE

Brown University | Providence, RI
Climate and Development Lab Frontend Web Developer Nov 2022 – Present

- Visualize lobbying data in the U.S. for CDL in **Javascript, Typescript, Svelte, and Tailwind CSS**.
- Design the Web application in **Figma**.

Head Teaching Assistant - Computing Foundations: Data Nov 2022 – Present

- Help professor prepare course materials and arrange logistic
- Teach mouse-related concepts in weekly office hours.

Digital Learning & Design Assistant Sep 2022 – Present

- Collaborate with instructors to create engaging learning experience with various platforms: Canvas, Ed, Gradescope
- Assist the DLD team with **media production, animation, and web development**.

Boston University | Boston, MA
Course Assistant – Android Application Development, Probability in Computing, Computational Tools for Data Science, Introduction to Analysis of Algorithms Sep 2021 – May 2022

- Evaluated and provided crucial feedback to students' assignment submissions.
- Demonstrated responsibility by managing **50-200** weekly student assignments.

Worker – Einstein Bros. Bagels Jan 2020 – Feb 2022

- Advanced client **communication skills** by directly interacting with customers.
- Trained new employees to successfully acclimate to new work environment.

TECHNICAL PROJECTS

Elephant Edu Spring 2022

- Designed a mobile application interface that teaches parents in China how to provide at-home sexual education.
- Featured in Boston University **Kilachand Honors College Keystone Project Presentation**.
- Employed **Figma** and **Lucidchart** to design application UI/UX.

Find My Music Spring 2021

- Engineered, alongside three other teammates, a mobile application that allows users to find related playlists with a picture of an album cover.
- Integrated playlist suggestion feature using **Google ML Kit Text Recognition** and **Spotify API**.
- Employed **Figma** and **Miro** to improve application UI/UX, leading to an increase in application popularity.

Big Data Processing Spring 2021

- Collaborated with four other teammates to analyze Boston voting patterns on a ward-precinct level to help publish an article for Baystate Banner.
- Utilized **Python data processing** packages, **heatmap techniques** and **Tableau** to analyze and visualize **20** voting datasets to predict Michelle Wu as Boston's 2021 mayor.
- Implemented a sentiment analysis algorithm for movie reviews using **natural language processing** techniques.
- Utilized **Pandas, Numpy, NLTK**, and **SKLearn** to improve algorithm, ultimately ranking **20 out of 160** students.

PikaCourse Summer 2020

- Engineered a software infrastructure with a team to allow students to discover and interact with others who share similar class schedules.
- Coded frontend features using **React.js**.
- Employed effective communication skills to win **\$2000** in a pitch competition at the Virginia Tech Kickstart program.