

# Junxiang Zhang

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## EDUCATION

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**Brown University**, Providence, RI

**Expected May 2025**

*Bachelor of Science, Math-Computer Science*

Relevant Coursework: Machine Learning, Software Engineering, Data Structures & Algorithms, Abstract Algebra, Honors Statistical Inference, Linear Algebra, Multivariable Calculus, Ordinary Differential Equations

## EXPERIENCES

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**Brown University Department of Computer Science**

**January 2023- Present**

*Undergraduate Teaching Assistant*

Providence, Rhode Island

Undergraduate Teaching Assistant for CSCI0320. Responsible for overseeing collaboration and conceptual hours for Typescript, React, and Java projects for over 150 students. Also responsible for biweekly mentor meetings to review/grade assignments and project submissions.

**Brown University Office of Information Technology**

**October 2022- February 2023**

*Student Technician*

Providence, Rhode Island

Assisted customers, including students and faculty, both in person and over the phone to resolve technological issues. Also responsible for handling check in and checkout of the loaner program, and reimaging laptops that are returned to the loaner program

## PROJECTS

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**Animinder**, React, Firebase

**November 2022 - December 2022**

*Social web app designed to remind users of upcoming shows*

- Created a social web app using React.tsx and Firebase that allows users to create a watchlist of their favorite shows. Recommendations are generated based on popularity and genre of shows in friends watchlists. Login is handled using google authentication.

**Search Engine**, Python

**April 2022 - May 2022**

*Closed Environment Search Engine*

- Implemented Google's **PageRank** algorithm with **tf-idf** relevance.

## EXTRACURRICULAR

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**Brown University Band**

**September 2021 - Present**

*General Manager, Section Leader*

An elected member of the Band Board for the 2022- 2023 season, that is responsible for the behind the scenes and public day to day operations of the Brown University Band. Duties include: managing instruments and uniforms, acquiring whatever equipment the Band or the music library may require, acting as a liaison between Band Board and section leaders.

**Brown University Club Baseball**

**September 2021 - Present**

Third baseman for the Brown University Club Baseball Team which competes in the NECBL, an intercollegiate league that competes throughout New England

## SKILLS AND INTERESTS

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- Languages and Frameworks: Python, Java, C/C++ (Novice), Javascript, Typescript, React, Maven, JUnit, Node, Jest
- Other Software: Powerpoint, Excel, Word, Git, Photoshop
- Interests: Jazz Saxophone, Baseball, Cooking