

# Miranda Tran

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Availability: Full-time from Jan 2021-Aug 2021

## Education

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**Northeastern University**, Boston, MA

Sept 2019-Present

Khoury College of Computer Sciences

Expected Graduation: Dec 2021

*Candidate for a Master of Science in Computer Science: Align, GPA 3.6*

- Current Coursework: Natural Language Processing, Foundations of Software Engineering
- Relevant Courses: Web Development, Algorithms, Object-Oriented Design

**Wellesley College**, Wellesley, MA

Sept 2015-May 2019

*Bachelors of Arts in English, GPA 3.6*

- Relevant Courses: Computer Programming and Problem Solving, Data Structures

## Technical Knowledge

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Python 3, Java, JavaScript

## Academic Projects

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**Northeastern University**, Boston, MA

*Inventory Management Website*

Aug 2020

- Created and deployed an inventory management site for Web Development course with two teammates using React, Node.js, Express, and MongoDB (MERN), GraphQL, and Heroku
- Built custom React components to manage and display product information

*Easy Animator*

Dec 2019

- Developed a Java application with Java Swing library to display animations at variable speeds and with various playback options (pause, loop, change speed, etc.)
- Collaborated with classmate to facilitate timely submission and to delegate tasks fairly

## Work Experience

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**Northeastern University**, Boston, MA

*Graduate Teaching Assistant*

Jan 2020-Present

Hired for Spring and Fall academic semesters.

- Create and maintain a Microsoft Bookings calendar to centralize tutoring hours for students
- Grade weekly student assignments through a combination of manual and automated testing (via Python scripts) in a timely fashion
- Facilitate weekly small-group recitations during online lab sessions
- Tutor students one-on-one to further their understanding of foundational programming concepts such as variable scoping, recursion, conditional statements, etc.