

# Bridgette Liu

Boston, MA & Houston, TX | 832-564-5316 | bridgetteliu.cs@gmail.com | linkedin.com/in/bridgette-liu/

## EDUCATION

### Tufts University

*BS in Computer Science, GPA: 3.7*

**Somerville/Medford, MA**

*Graduation Date: May 2025*

Minor: Race, Colonialism, and Diaspora (Asian American Studies focus)

Honors: Dean's List (Spring 2024, Fall 2023, Spring 2023, Fall 2022, Spring 2022, Fall 2021)

## WORK EXPERIENCE

### Enlabel Global Services Inc.

*Software Engineer Intern (Summer, Fall)*

**Boston, MA**

*June 2024 - Nov 2024*

- Developing a web application based on draw.io designed for creating, editing, and sharing labels on a large scale with connected to a database of symbols and variables for physical product boxes.
- Completed 40+ components including encrypting files, exporting canvas to pdf with different crop options, layer functionality, rule-based functions, and exporting and converting files utilizing APIs.
- Integrated into a small development team with strong communication and individual input on the product and implementing process improvements with documentation and deliverables.

### JumboCode

*Developer*

**Somerville/Medford, MA**

*Sept 2023 - May 2024*

- Collaborated on a development team for a non-profit organization by creating a web application to streamline their different charity chapters and enhance management skills and team leadership.

### Shell Agile Hub

*Backend Software Engineering Intern*

**Houston, TX**

*June 2023 - August 2023*

- Expanded unit test code coverage of a complex Flask architecture application by 10% through the creation of over 20 testing files, spanning the endpoint and repository levels using Python.
- Implemented code using Behavioral Driven Development (BDD) principles and Continuous Integration/Continuous Deployment (CI/CD) practices to promote best coding practices, improve software reliability, and optimize the development pipeline.

### Tufts University Human Factors Lab

*Student Lab Researcher - Developer*

**Somerville/Medford, MA**

*March 2023 - May 2023*

### Shell Agile Hub

*Frontend Software Engineering Intern*

**Houston, TX**

*June 2022 - August 2022*

- Implemented design enhancements to improve user experience and enhanced codebase quality.

## LEADERSHIP EXPERIENCE

### Tufts University Chinese Student Association

*Co-President, Vice President, Secretary, Freshman Representative*

**Somerville/Medford, MA**

*November 2021 - Present*

- Managing an 11-member elected board in planning and executing a variety of events to foster a vibrant and inclusive cultural community on campus for Chinese/Chinese American students.
- Ensuring effective collaboration and team efficiency by leading clear role allocation, timeline management, resource allocation of a \$12,000 yearly budget, and member engagement strategies.
- Collaborated with the elected board to successfully organize large-scale cultural events raising \$1,500 for charitable causes last year (\$5,000 in the past 3 years).

### Tufts University Asian American Center

*Peer Leader*

**Somerville/Medford, MA**

*August 2022 - May 2023*

## SKILLS/CERTIFICATIONS & INTERESTS

**Skills/Certifications:** C/C++, Javascript, Python, Typescript, HTML, React, Microsoft Suite, Jira, Azure Active Directory, Unity (basic applications)

**Interests:** Technology & Accessibility, Sustainable Technology, AI, Crochet, Dungeons & Dragons