

Bryan Tran

✉ brtran25@gmail.com ☎ 781-600-4857 Ⓜ jleastral

Education

University of Massachusetts Boston (projected)May 2029

BS in Computer Engineering

- **GPA:** 4.0

- **Related Coursework:** Linear Algebra, Intermediate Computing with Data Structures

Braintree High School May 2025

High School Diploma

- **GPA:** 3.7

- **Related Coursework:** AP Calc BC, AP Stats, AP Computer Science A, AP Physics 2

- **Clubs:** Coding Club President, Math Team Member

Projects

Lexer | C++ [Github](#)

- Implemented a custom Lexer using a command-line REPL to tokenize raw text into keyword tokens for an interpreter. E.g. "x = 5;" turns into 4 tokens: IDENT, ASSIGN, INT, and SEMICOLON.

Word Suggestion | Java [Github](#)

- Optimized algorithm using edit distance to search a word bank to guess the correct spelling of misspelled words.

Roblox Ability System | Lua [~2023](#)

- Made design choices around Roblox's client-server system to improve performance and security. E.g. client side rendering and server side sanity checks.

Experience

Substitute Math Tutor

Quincy, MA

My Learning Center

Sept 2025 - Present

- Managed and instructed small-group tutoring sessions (5-6 students); focused on 8th-grade mathematics and SAT preparation.

Math Tutor

Braintree, MA

Inspyre Me

April 2025 – Present

- Wrote weekly progress report to track student progress and identify areas for intervention.

- One-on-one math tutoring focusing on middle school level math.

Technologies/Skills

Familiar with linux/unix-like command-line interface