

# Trent Wiles

[www.trentwiles.com](http://www.trentwiles.com)

Email: [wiles.t@northeastern.edu](mailto:wiles.t@northeastern.edu)

Available from July-December 2025 at Boston, Connecticut, New York

## EDUCATION

---

### Northeastern University

*Candidate for B.S. in Computer Science and Criminal Justice*

Boston, MA

*August 2023 – Present*

- Dean's List for all semesters; expected graduation: May 2027
- Clubs & Organizations: ACM Chapter, Content Club
- Relevant Coursework: Object-Oriented Design, Database Design, Advanced Software Development, Software Engineering, Algorithms & Data, Introduction to Math Reasoning, Discrete Math

## TECHNICAL SKILLS

---

**Languages:** Java, Python, Javascript, TypeScript, HTML/CSS, PHP, C, Kotlin, Rust, Go

**Frameworks:** Node.js, Flask, ExpressJS, React, WSGI, JUnit, Jest, JQuery

**Databases:** MySQL, PostgreSQL, SQLite, MongoDB, Redis

**Developer Tools:** Git, GitHub, Bash, Linux, Notion, LaTeX

**Infrastructure:** Caddy, Apache2, Nginx, Docker, Netlify, Varnish Cache, DigitalOcean

## PROJECTS

---

### Sit Down And Study | *Python, React, Google Gemini*

August 2024

- Created a learning platform, allowing users to solve AI-generated, LeetCode-style coding problems, run their solutions online, and receive instant feedback
- Developed a backend combining Express.js, Judge0, and MongoDB that developed concept explanations and sample questions

### Flag | *PHP, MySQL, Apache Server*

December 2020

- Developed a basic
- Implemented complex filtering mechanisms and search functionality using PixiJS for exploring the map

### EasyClassPlanner | *Rust, TypeScript, React*

May 2024

- Created a web application utilizing Recursive Backtracking on a Rust backend to generate optimal schedules
- Implemented UI features like a calendar view for visual assistance in choosing the perfect schedule

### X Finance (X Developer Challenge) | *Python, TypeScript, React, X API, xAI API*

April 2024

- Collaborated with 3 teammates to engineer a web application that uses historical Tweet data and xAI's Grok-1 LLM to analyze public sentiment about stocks on X
- Scraped about 5000 tweets per query containing 1 of 10 AI-generated hashtags related to a stock

### KhouryKTRL | *JavaScript, VSCode API*

October 2023

- VSCode extension that helps CS2500 (Fundamentals of CS 1) students save time in code execution/linting
- Endorsed by 2 professors and used by over 100 students on the Northeastern Oakland Campus

### Expiry Date Reminder | *Java, SQLite, Android SDK, Android Studio*

August 2022

- Developed an Android application that stores expiration dates and reminds the user if something is expiring soon
- Amassed over 4,500 downloads and a 4.5/5 star rating on the Google Play Store

## INTERESTS

---

Cycling, traveling, video editing, tennis, kayaking