

William Riser

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Available May - December 2025 in Boston, San Francisco, New York, Seattle, & Austin

Education

Northeastern University

Boston, MA

Khoury College of Computer Sciences

September 2023 - Present

Candidate for a Bachelor of Science in Computer Science - Expected Graduation May 2027

- Relevant Coursework: Object Oriented Design, Algorithms, Machine Learning & Data Mining 1, Artificial Intelligence, Human Computer Interaction, Database Design, Mathematics of Data Models, Discrete Structures, Foundations of Cybersecurity, Fundamentals of Computer Science 1 & 2
- Concentration in Artificial Intelligence
- 3.58/4.0 GPA, Dean's List

Technical Skills

Languages: Java, Kotlin, Python, JavaScript, TypeScript, SQL, HTML, CSS, R

Frameworks & Libraries: React, Node.js, Express, JUnit, Tailwind CSS, Flask, NumPy, Swing, ggplot2

Databases: SQLite, MongoDB, Redis

Tools: Git, GitHub, VS Code, IntelliJ Idea, LaTeX, Docker, RStudio

Operating Systems: Windows, MacOS, Linux

Projects

ThreeTrios

October 2024

- Designed and developed a turn-based card game using Object-Oriented Programming principles and the MVC architecture
- Applied Command, Callback, and Builder design patterns to enhance code readability and maintainability
- Wrote comprehensive JUnit tests to ensure robust functionality and smooth integration

EasyClassPlanner

May 2024

- Developed a web application employing Recursive Backtracking on a Rust backend to generate ideal schedules given a list of classes and available times in milliseconds
- Designed and implemented a custom calendar UI that dynamically scales to the schedule's class timings
- Integrated analytics to track usage patterns, enabling data-driven decisions to refine key features

X Finance (X Developer Challenge)

April 2024

- Collaborated three teammates to build a web application leveraging Tweet data, X.ai's Grok LLM, and stock price history to analyze and generate insights on stock trends
- Scrapes and processes 5000+ tweets containing AI generated hashtags relevant to the related stock
- Integrated a dynamic front-end to display sentiment analysis and historical price trends of a stock

LinguaLink

March 2024

- Created a web application that allows user to select target language then real time video and text chat with another user in that language using WebRTC and Firebase
- Integrated AI powered chat functionality supporting 40+ target languages through Google's Gemini API
- Achieved 2nd Place in a 48-hour hackathon with 120+ participants

Work Experience

Apprentice Technician

April 2024 - August 2024

Mercedes Specialist of Oxford

Oxford, MS

- Performed repairs on 100+ Mercedes-Benz, AMG, and Porsche vehicles ensuring high-quality standards
- Diagnosed mechanical and electronic issues using XENTRY diagnostic software
- Efficiently completed services within tight deadlines, ensuring customer schedules were consistently met

Interests

Travel, French Language, Pickleball, Basketball, Football, Cars