

William Riser

riser.w@northeastern.edu | (662) 299-2744 | williamriser.com | linkedin.com/in/william-riser | github.com/william-riser

EDUCATION

Northeastern University - Khoury College of Computer Sciences September 2023 - Present

Candidate for Bachelor of Science in Computer Science Boston, MA

- 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
- Concentration in Artificial Intelligence
- 3.58/4.0 GPA, Expected Graduation: May 2027, Dean's List

Technical Skills

- **Languages** Java | Kotlin | JavaScript | TypeScript | SQL | HTML | CSS
- **Frameworks** React.js | Node.js | Express.js | JUnit 5
- **Databases** SQLite | MongoDB | Redis
- **Tools** Git | GitHub | VS Code | IntelliJ Idea | LaTeX
- **Operating Systems** Windows | MacOS | Linux

Projects

X Finance (X Developer Challenge) | Python, TypeScript, React, X API, X.ai API April 2024

- Created a web application that uses Tweet data, X.ai's Grok LLM, and stock price history to generate opinions and trends about stocks
- Scrapes over 5000 tweets containing AI generated hashtags relevant to search term

LinguaLink | JavaScript, React, Firebase, WebRTC 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
- Includes AI chat in any target languages through Google's Gemini API
- Won 2nd place in a hackathon with 120+ participants

EasyClassPlanner | TypeScript, React, Rust April 2024 - Present

- Developed a Rust web application that uses Recursive Backtracking to generate ideal schedules
- Implemented calendar UI to make visualizing schedules easier

ThreeTrios | Java, Swing October 2024 - December 2024

- Designed and implemented a game using MVC, Command Callback, and Builder patterns
- Created an interactive user interface using the Java Swing library

Work Experience

Apprentice Technician | Mercedes Specialist of Oxford April 2024 - August 2024

- Performed repairs on various Mercedes-Benz, AMG, and Porsche vehicles ensuring high-quality standards
- Utilized diagnostic software to help identify mechanical and electronic issues

Interests

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