

Raghav Mathur

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EDUCATION

Northeastern University | Boston, MA September 2022 - Expected May 2026
Khoury College of Computer Science GPA: 3.7/4.0
Candidate for Bachelor of Science in Computer Science - Concentration in AI
Awards: Dean's List Spring 2024
Coursework: Object-Oriented Design, Algorithms (Graduate Level), Computer Systems, Mathematics and Data Models, Cognition
Extracurriculars: NU Aaroh - Planning and Scheduling Coordinator

TECHNICAL SKILLS

Programming Languages: Java, Python, SQL, C, Kotlin, HTML, CSS
Tools: Git, GitHub, IntelliJ, PyCharm, VSCode
Systems: Windows, Linux, MacOS

EXPERIENCE

AI Trainer May 2024 - Present
Outlier Remote

- Trained AI models by creating and answering multimodal questions, including questions with images
- Evaluated and ranked AI-generated responses in a step-by-step manner
- Completed tasks efficiently to ensure data and model reliability

Artist-Focused Tech, AI & VR Intern January - May 2024
A Jam Records Remote

- Researched innovative technologies that enhance virtual collaboration, artist-label relations, and streamline the label's operations
- Collaborated with peers to propose a series of tech products that can help an artist's overall career trajectory
- Consistently delivered high-quality reports and presentations to help the label strengthen its understanding of the intersection between music and technology

PERSONAL AND ACADEMIC PROJECTS

Local Fresh Deliveries | Python, Flask, Streamlit, MySQL August 2024

- Developed a full-stack web application simulating a local food delivery service
- Integrated a MySQL database with a Flask REST API and a Streamlit-based front end
- Applied User-Centered Design methodologies to create a realistic simulation with diverse user personas

Reversi | Java, JUnit, Swing December 2023

- Designed a Reversi game using MVC architecture and Object-Oriented design patterns
- Implemented AI for varying levels of difficulty and options for traditional or hexagonal board setups
- Conducted rigorous testing using JUnit to ensure a reliable, robust and effective game

FlightDealFinder | Python, Pandas, Requests, Smtplib July 2023

- Developed a tool to find and email the cheapest flight deals available
- Acquired proficiency in using APIs to collect data and processing data with Pandas
- Automated personalized email notifications using smtplib

INTERESTS

Music - writing, producing, playing | Sports - running, cricket, rock climbing | Movies | Travel | Research