

# Anish Sahoo

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## EDUCATION

### Northeastern University

Expected Graduation - Dec 2026

*Bachelor of Science in Computer Science*

*Boston, MA*

- GPA: 3.89/4.0, Major GPA: 4.0/4.0, Dean's List (every semester)
- Relevant Coursework: Database Design, Object Oriented Design, Algorithms, Mathematics of Data Models, Discrete Structures, Fundamentals of Computer Science 1 & 2

## EXPERIENCE

### Undergraduate Teaching Assistant

January 2024 – April 2024

*Northeastern University - Khoury College of Computer Sciences*

*Oakland, CA*

- Conducted 20 hours of in-person office hours and tutoring sessions per week for CS 2510 (Fundamentals of CS 2)
- Instructed over 35 people concurrently during peak times in Java and data structures
- Held on-demand 1-on-1 appointments for debugging help, LeetCode practice, and exam review

### Organizer, Mentor & Full Stack Developer

December 2023 – Present

*PawHacks*

*Oakland, CA*

*Full Stack Developer*

*December 2023 – April 2024*

- Collaborated with 14 classmates to host a hackathon with over 120 attendees and \$3000+ worth of prizes
- Developed and deployed the full-stack [pawhacks.io](https://pawhacks.io) hackathon website with over 400 unique visitors

*Mentor/Technical Recruiter*

*May 2024 - Present*

- Conduct technical interviews for multiple applicants and mentor the website team for PawHacks 2.0

## PROJECTS

### Schedule Generator | *Rust, TypeScript, React.js*

April 2024 – Present

- 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.js, 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

### Nearby Prices | *React.js, JavaScript, Tailwind CSS, Express.js, SQLite*

March 2024

- Built a crowd-sourced price aggregator for small businesses where users can add and update prices
- Developed as an academic project (CS 3200) first with SQLite, then migrated to MongoDB and Redis

### Portfolio Website | *JavaScript, Gatsby.js, Tailwind CSS*

December 2023

- Designed and implemented a simple website to showcase projects, achievements, and resume

### 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 4,000 downloads and a 4.5/5 star rating on the Google Play Store

### Other Minor Projects | *Java, Python, Kotlin, Rust, C++*

- WebSocket Line System, AI Resume Parser, Password Manager, Wordle Clone, Text Processing Discord Bot

## TECHNICAL SKILLS

**Languages:** Java, Python, Kotlin, HTML, CSS, JavaScript, TypeScript, SQL, Rust

**Frameworks:** React.js, Node.js, Express.js, Flask, JUnit 5, NumPy, Flask

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

**Developer Tools:** Git, GitHub, Linux, Docker, VS Code, IntelliJ, Android Studio, Caddy Server, Latex