

Anish Sahoo

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Available January-August 2026 at Boston, San Francisco, NYC & Seattle

EDUCATION

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

Candidate for Bachelor of Science in Computer Science

Boston, MA

- GPA: 3.84/4.0, Expected Graduation: December 2026, Honors: Dean's List (every semester), AI Concentration
- Relevant Courses: Database Design, Object-Oriented Design, Algorithms, Artificial Intelligence, Discrete Math, Operating Systems, Machine Learning, Reinforcement Learning, Software Engineering

TECHNICAL SKILLS

Languages: Java, Python, SQL, JavaScript, TypeScript, LaTeX, Kotlin, HTML/CSS

Technologies: Spring, REST, gRPC, GraphQL, Apache Kafka, Node.js, Express.js, React.js, Apache Solr, JUnit 5

Databases: PostgreSQL, MySQL, SQLite, MongoDB, Redis, BigQuery, Bigtable

DevOps/Tools: Git, GitHub, Maven, Bash, Linux, Caddy Server

Cloud/Observability: Google Cloud Platform (GCP), Kubernetes, Docker, Aiven, NewRelic, Lightrun, Splunk

AI/Data Science: PyTorch, NumPy, Gymnasium, Jupyter, PettingZoo, Matplotlib

EXPERIENCE

Backend Software Engineer Co-op January 2025 – June 2025

Priceline (Enterprise Data Products & Services Team)

New York, NY

- Developed and maintained high-throughput REST and gRPC services in Java Spring for various data products
- Architected and implemented a Kafka-based hotel price monitoring system with high-throughput producer and consumer services, handling millions of events daily for real-time price tracking and notifications
- Designed and implemented a relevancy ranking algorithm to personalize user experiences based on past activity
- Worked on recommendation and personalization projects, including a proof-of-concept integrating Google's Vertex AI Search Engine to replace in-house hotel recommendation system used in chatbot interactions

Undergraduate Teaching Assistant

January 2024 – December 2024

Northeastern University - Khoury College of Computer Sciences

- Conducted office hours, tutoring sessions, and 1-on-1 appointments for 200+ students in Java and Kotlin

Software Engineer/Organizer

December 2023 – May 2024

PawHacks

- Collaborated with 15 classmates to host a hackathon with over 120 attendees and \$3000+ worth of prizes
- Developed and deployed the full-stack pawhacks.io hackathon website with over 10000 visits

PROJECTS

AI Hoops | *Python, PyTorch, OpenAI Gymnasium*

August 2024

- Trained a game AI that learns to play Atari DoubleDunk basketball using Deep Reinforcement Learning
- Employed novel training approach using RAM observation space and Double Deep Q Networks

Map of Top Anime | *JavaScript, Python, PixiJS, TensorFlow, MongoDB*

July 2024

- Created a map visualizer of the top 5000 anime scraped from MyAnimeList using embeddings and t-SNE
- Implemented complex filtering mechanisms and search functionality using Apache Solr and rendering with PixiJS

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

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

Photography, Photo/Video Editing, Manga, Badminton, Hackathons, Travelling