

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 optimized high-throughput REST and gRPC services with Java Spring, improving backend performance and database efficiency
- Architected and implemented a Kafka-based hotel price watch alert system designed to scale for millions of customers, enabling real-time price tracking and notifications
- Created and deployed a customer preference inference system using heuristics to predict user interests, with plans for ML expansion
- Engineered a proof-of-concept integrating Google's Knowledge Graph and Vertex AI tools to generate personalized hotel recommendations

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 CS 2510 (Java) and CS 2500 (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

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