

KEVIN XU

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Education

Northeastern University

B.S. in Computer Science **GPA: 4.0/4.0**

May 2026

Boston, MA

Relevant Coursework

Algorithms and Data Structures, Object-Oriented Design, Computer Systems, Reinforcement Learning

Northeastern Varsity Track & Field

Pole Vault – 6th at CAA Championships; contributed to Athletics Team of the Year

Technical Skills

Languages: Java, Python, TypeScript/JavaScript, Terraform, Ansible, SQL, HTML/CSS

Frameworks: React, Next.js, Django, Spring, Apollo GraphQL, Tailwind, PyTorch

Tooling: AWS EC2, Azure (Front Door, Blob Storage, Key Vault), Docker, Jenkins, Kubernetes, Linux, Git

Experience

Klaviyo

July 2025 – Dec 2025

Front-End Intern

Boston, MA

- Shipped Identity Resolution (email-typo merge) in React/TypeScript; led implementation behind Statsig feature flags, tracked usage in Heap, and drove 194k+ duplicate profile merges.
- Built UI for custom user roles (read/export/edit), shipping reusable access-control components and fixing 10+ permission bugs across core pages.
- Cut team-owned Sentry errors by 50% by fixing React infinite re-renders and edge-case state bugs (empty states, malformed data, layout regressions).
- Expanded Cypress E2E tests for key user flows in stateless, data-seeded environments, catching regressions earlier and improving production reliability.

Wolters Kluwer

July 2024 – Dec 2024

DevOps Intern

Waltham, MA

- Migrated a legacy CDN to a custom solution on Azure Front Door + Blob Storage, provisioning all resources with Terraform and reducing CDN costs by 85% (\$11k/month).
- Used Python and Ansible to automate host management, build audit scripts, and create a patch management tool across Windows and Linux servers.
- Deployed Zabbix monitoring agents to 50+ hosts, migrated alerts to Slack via webhooks, and added triggers for issues like unmounted file mounts and high CPU usage.
- Used ArgoCD and Jenkins to automate application maintenance and redeploy apps with expiring secrets, streamlining Docker host rebuilds and improving security compliance.

Khoury College of Computer Sciences

Jan 2024 – Apr 2025

Teaching Assistant for Fundamentals of Computer Science 2

Boston, MA

- Held 4 weekly office hours to help students with Java programming, debugging, and software design.
- Graded assignments and exams for 70 students in an accelerated section and provided written feedback on code quality.
- Led weekly labs for 30 students, walking through data structures and testing concepts with live coding examples.

Projects

TheFarm | *Next.js, NextAuth, React, Tailwind CSS, Framer Motion, Docker, PostgreSQL, Python*

Oct 2024

- Built a full-stack MVP farm management dashboard to track livestock and farm data, with auth-protected views and an interactive UI. [Demo](#)
- Implemented UI components in React/TypeScript with Tailwind and Framer Motion for responsive, animated dashboards.
- Integrated authentication with NextAuth and JWTs, enforcing protected routes and user-specific access.
- Containerized PostgreSQL with Docker and used SQL scripts to seed mock data, enabling realistic local testing.

Blockstart | *Java, React/TypeScript, Spring, HTML/CSS, Git, AWS*

Jun 2023

- Built a full-stack web app to help high school athletes discover and compare NCAA track programs.
- Scraped data from two track and field databases (1000+ colleges) into a Spring Boot backend, generating a recruiting profile for each school.
- Implemented the React/MUI front-end, including search, filters, and profile views.
- Deployed on AWS EC2 and configured a custom domain via Route 53 at blockstart.net.