

# Adewole Adeosun

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## Education

Queens College, City University of New York(CUNY)

Expected Graduation May. 2026

Bachelors of Science in Computer Science

Relevant Coursework: \*Data Structures\*, \*Algorithms\*, \*Software Engineering\*, \*Deep Learning\*, \*Computer Architecture\*

## Skills

Languages: *Proficient* Python (2yrs) • C++ (2yrs) • Java (1yrs) *Intermediate* Javascript (1.5yrs) *Beginner* PHP (1yrs) • Typescript (1yrs)

Frameworks & Tools: React, Next.js, Node.js, Express.js, Material UI, MongoDB, Firebase, Git, Bash

Cloud & DevOps: \*AWS (Cloud Practitioner Certified)\*, Firebase Auth/Firestore, REST APIs, CI/CD (basic)

Software: AWS • GitHub • MongoDB Compass • iOS • VS Code

## Experience

Software Engineering Intern

Feb. 2023 - Jul. 2023

STEMKASA

New York, NY

- Developed full-stack applications using MongoDB, Express.js, React, and Node.js, following industry best practices.
- Built scalable REST APIs with Node.js and Express, improving backend performance and reducing response time by 25%.
- Optimized MongoDB queries and indexing to enhance data retrieval speed and accuracy by 15%.
- Designed and implemented a React-based email subscription system, generating 500+ weekly signups and boosting user engagement.
- Built a user-friendly JavaScript waitlist interface that improved customer onboarding and conversion.

Software Engineering Fellow

Jul. 2024 - Sep. 2024

Headstarter AI

New York, NY

- Selected as 1 of 100 fellows from 1,000+ applicants for a full-stack JavaScript fellowship.
- Built a personal portfolio website using React and JavaScript, showcasing projects and technical skills.
- Developed a real-time Pantry Tracker App using Next.js, Firebase, and Material UI, enabling seamless inventory management.
- Wrote 1,353+ lines of TypeScript while building a backend with Convex, applying clean coding principles using ESLint.
- Developed two AI-powered applications integrating Next.js, Stripe APIs, and OpenAI models.

## Projects

Haulify Website | Personal Project (~23 hours) - [Github](#)

Oct. 2025 - Nov. 2025

- Developed a responsive moving-services website with postcode validation, interactive modals, form validation, and Bootstrap carousel automation
- Implemented JavaScript event handling, dynamic UI behavior, and deployed via GitHub Pages with full documentation.

Pantry Tracking App | Headstarter AI (~20 hours) - [Github](#)

Jul. 2024 - Aug. 2024

- Built a real-time pantry tracker using Next.js, React, Firebase, and Material UI, enabling live inventory management and autogenerated timestamps.
- Implemented Firebase authentication, cloud storage, and CRUD functionality with smooth UI components.

Personal Assistant App | Personal Project (~In Progress) - [Github](#)

Aug. 2025

- Building a Python-based command-line personal assistant using OOP, argparse, and datetime, enabling users to add, track, and complete tasks with optional due dates.
- Designed modular architecture for easy feature extension (notifications, categories, persistence).