

# Daniel Kaplan

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## EDUCATION

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### Northeastern University

Boston, MA

*Candidate for Bachelor of Science in Computer Science and Minor in Physics*

*Expected Graduation May 2026*

- Relevant Courses: Software Engineering, Natural Language Processing, Database Design, Algorithms, Networks Fundamentals, Computer Systems, Computer Graphics
- Clubs/Organizations: REV Coworking Space, Colorstack, Disrupt FinTech Club

## TECHNICAL SKILLS

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**Languages:** Python, Java, Typescript, SQL, Javascript, CSS, HTML

**Frameworks:** Node.js, React, Prisma, NestJs, JUnit, Next.js, NextJs, GCP, Flask, Firebase, Docker, Node

**Developer Tools:** Google Cloud Platform, Docker, Git, Redis

## EXPERIENCE

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### Software Engineer (Contract)

October 2025 – December 2025

*ZOR!*

*Boston, MA*

- Developed SwiftUI features with reusable components, and reactive updates, improving performance and usability.
- Created end-to-end tests validating data flow from a Java Spring Boot APIs to SwiftUI views for consistent cross-platform behavior.
- Implemented SwiftUI features using the MVVM architecture to improve modularity, testability, and code clarity.

### Software Developer

June 2025 – October 2025

*Northeastern University Student Government Association*

*Boston, MA*

- Engineered a **Next.js** scheduling application enabling members to coordinate meetings and track availability.
- Built **Next.js/TypeScript** backend endpoints for admin user management with **PostgreSQL**.
- Deployed applications using Render and integrate **Firebase** services to handle multiple users for the application.

### Software Developer

September 2024 – May 2025

*SCOUT Studio*

*Boston, MA*

- Implemented 8+ **NextJS/React** components with **TypeScript** and **CSS** improving user experience.
- Collaborated with 2 clients and 30+ team members to transform wireframes into fully functional web applications.

### Object Oriented Design Teaching Assistant

September 2024 – December 2024

*Khoury College of Computer Science - Northeastern University*

*Boston, MA*

- Conducted weekly office hours, assisting an average of 20 students per session with programming concepts, **JUnit** testing, and **Java** project requirements, improving course comprehension.
- Debugged 40+ Java and **JUnit** issues, assisting students in resolving technical problems.

### Software Engineer Intern

May 2024 – June 2024

*Phase One Ventures*

*Phoenix, AZ*

- Developed a **NestJS** endpoint for optimized data retrieval using **PostgreSQL** and Redis caching in Docker.
- Converted **PostgreSQL** data to **TypeScript** types using **TypeORM** to enhance web application functionality.
- Programmed 8+ comprehensive tests using Ava and added **Git** hooks, improving code coverage and reliability.

## PROJECTS

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### Horizon | *Python, Typescript, React, NextJs, GCP, Flask, Firebase, Docker, Node*

February 2025

- Created a lending application with 3 other developers for the LiveAI hackathon (2nd in FinTech) with a deployed website and backend.
- Added 6 Flask routes allowing users to add, delete, and make transactions for loan payments improving usability.
- Developed 5 pages and added 30 components in NextJs for both user and bank usage of the website.

### Note-Taking Website | *Golang, net/http, React, Typescript, TailwindCSS, SQL*

June 2024 - August 2024

- Designed and implemented a Typescript TailwindCSS React website with a PostgreSQL database for secure note-taking.
- Integrated with a Golang HTTPS server using net/http and Axios to handle client-server communication.
- Administered encrypted cookies and followed OWASP standards for authentication and password hashing, ensuring robust security practices.