

Conrad Booker

conradbooker.dev | github.com/conradbooker

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EDUCATION

Northwestern University

Evanston, IL; Expected June 2028

Bachelor of Arts in **Computer Science**

Cumulative GPA: 3.79/4.0 | Dean's List 2 of 2 quarters

EXPERIENCE

Northwestern AI Lab, *Research Assistant*

Northwestern University; Starting mid-April

- Planning to collaborate on a project to improve the comprehensiveness of reports advising agencies on planned terror attacks

Embrace, *Software Engineer*

Northwestern University Garage; February 2025 – Present

- Jointly developing a React Native app that syncs haptics and audio for guided meditation to enhance relaxation with haptic vibrations
- Advise and collaborate with teammates to improve UI design and overall app responsiveness

ReCat App, *Software Developer*

Northwestern University Garage; October 2024 – Present

- Developing responsive UI components and pages using React Native to enhance user experience
- Independently researched and implemented a widget feature to improve user engagement
- Collaborate closely with the dev lead and peers to align on goals and feature development

Thinklocal, *Web Developer*

Northwestern University Garage; October 2024 – Present

- Build and maintain React web pages focusing on consistent user navigation and smooth cross-device experience across desktop and mobile access
- Integrate backend APIs and translate Figma designs into visually accurate, responsive interfaces

Redshift Technologies, *Software Engineer Intern*

New York, NY; June – August 2023

- Designed and developed GPT-powered website for a recognized eating disorder non-profit, enabling individuals to connect with treatment options
- Presented website directly to the client for consideration and potential implementation
- Redesigned and created a detailed mockup of a mobile patient portal app for a large American fertility clinic to enhance user experience and accessibility

PROJECTS

Transit Bandage App & API (conradbooker.dev/projects/tb)*

New York, NY; December 2022 – Present

- Developed open-sourced app to convey subway disruptions faster and more concisely to passengers in New York and Chicago
- Published 7 updates since August 2023, with ongoing development including an update for Chicago
- Achieved 3k+ downloads and maintained an estimated 200+ daily active users

PlanIt Homework App (conradbooker.dev/projects/planit)*

New York, NY; December 2022 – May 2023

- Designed free homework planner app due to inefficiencies of school's homework website
- Syncs with two major homework platforms used by US schools to help with time management

LEADERSHIP EXPERIENCE

Rock Climbing Club, Co-Team Captain

Northwestern University; January 2025 – Present

- 1 of 3 captains elected by peers to lead and coordinate practices for the Rock Climbing Club Team
- Coach a team of 20 people, overseeing practice structure, skill development, and overall team progression in the absence of formal coaching staff
- Serve as a board member for the club, contributing to organizational decision-making and club management

RockRoots, Co-Founder

New York, NY; April 2023 – January 2024

- Fundraised over \$4,500 and established partnerships with the Police Athletic League and Movement Harlem climbing gym
- Recruited Black and Latino youth into climbing to promote diversity in the sport
- Created website: <https://rockroots.org>

SKILLS AND ADDITIONAL INFORMATION

Programming Languages: Swift, JavaScript, Python, CSS, HTML

Frameworks: Node.js, React/React Native, Flask, jQuery, Bootstrap, Git, Heroku, SQL

**Apps solely created by Conrad Booker, but published under Lisa Booker (mother) due to being under age 18 at the time of the apps' publishing*