

# Conrad Booker

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## EDUCATION

<b>Northwestern University</b> <i>Bachelor of Arts in Computer Science, Minor in Chinese</i>	Evanston, IL; Expected June 2027 GPA: 3.7/4.0 — Dean's List
<b>Related Coursework:</b> Algorithms and Data Structures, Operating Systems, DTR, Linear Algebra	

## SKILLS

**Languages:** Proficient in: Swift, JavaScript, TypeScript, Python, HTML, CSS | Learning: Java, Racket, C, C++  
**Frameworks & Tools:** SwiftUI, React/React Native, Node.js, Firebase, Flask, Git, Jira, Docker, SQL, Heroku

## EXPERIENCE

<b>Software Engineer</b> <i>ReCat App (Northwestern University Garage), Evanston, IL</i>	Oct. 2024 – Present
<ul style="list-style-type: none"><li>Led development and shipped 20+ <b>React Native</b> components for an app serving 500+ active users</li><li>Designed Firebase data models to persist dynamic cat behavior, including map location and food preferences</li><li>Implemented a home-screen widget by building a custom <b>Swift</b> bridge between React Native and native iOS; released internally and production-ready pending Expo upgrade</li><li>Collaborated with a team of 5 engineers in weekly sprints, owning features end-to-end using <b>Git</b> and <b>Jira</b></li></ul>	
<b>Frontend Developer</b> <i>Thinklocal (Northwestern University Garage), Evanston, IL</i>	Oct. 2024 – Mar. 2025
<ul style="list-style-type: none"><li>Built and maintained 5 production-ready <b>React</b> web pages for a platform to find unique Chicago experiences</li><li>Designed 3 mobile layouts and translated Figma designs into visually accurate, responsive interfaces</li><li>Integrated backend APIs for 3 pages and ensured usability across desktop and mobile devices</li></ul>	
<b>Software Engineer Intern</b> <i>Redshift Technologies, New York, NY</i>	Jun. 2023 – Aug. 2023
<ul style="list-style-type: none"><li>Designed and developed GPT-powered website made with <b>Python Flask</b> for a recognized eating disorder non-profit client, enabling individuals to connect with hundreds of treatment options</li><li>Presented website and two alternative designs directly to client for consideration and potential implementation</li><li>Redesigned and created a detailed mockup of a mobile patient portal app for a large American fertility clinic to enhance user experience and accessibility</li></ul>	

## PROJECTS & RESEARCH

<b>Transit Bandage App &amp; API</b>   <a href="https://conradbooker.dev/projects/tb">conradbooker.dev/projects/tb</a>	August 2023 – Present
<i>SwiftUI, Node.js, Python Flask</i>	
<ul style="list-style-type: none"><li>Independently developed a mobile app to convey NYC subway and bus disruptions 98% faster and more concisely</li><li>Published 7 updates since Aug. 2023, with ongoing expansion to New Jersey, Chicago, and Philadelphia</li><li>Achieved 4k+ downloads and a 4.7/5-star rating, maintaining an estimated 800+ monthly active users</li></ul>	
<b>Experiential Travel Platform</b>	January 2026 – Present

*Research in Northwestern's DTR Class (Northwestern Delta Lab)*

- Conducting user research and designing a platform with a teammate to explore new models for experiential travel and place-based discovery

- Investigating how travelers engage with local environments to inform the design of a future digital platform

## LEADERSHIP EXPERIENCE & ADDITIONAL INFORMATION

<b>Rock Climbing Club, Competitive Team Captain</b> <i>Northwestern University</i>	Jan. 2025 – Present
<ul style="list-style-type: none"><li>Founded Northwestern's first competitive program, coaching a 35-member team through practices twice a week</li><li>Rebuilt team structure in Fall 2025, increasing member participation by 50% and accelerating skill development without a formal coaching staff</li><li>Serve as a board member for club of 1k+ members, contributing to organizational decision-making &amp; management</li></ul>	

**Interests:** Rock climbing, cooking Chinese food, transit map making, solo traveling