

Daniel Keinan

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Columbia CS student with 2+ years of professional full-stack engineering experience. A non-traditional path through crisis advocacy has sharpened my ability to communicate with peers and build technology centered on real human impact. Seeking summer 2026 internships.

EDUCATION

B.A. Computer Science | [Columbia University, New York, NY](#) *Expected May 2027*

- Relevant Coursework: Data Structures, Advanced Programming, Fundamentals of Computer Systems, Linear Algebra & Probability, Discrete Math, Calculus III

Software Engineering Bootcamp | [App Academy, New York, NY](#) *Sept. 2019*

TECHNICAL SKILLS

Frontend: JavaScript, React, Redux, Angular, HTML/CSS, HAML

Backend: Ruby on Rails, Node.js, Python, Django, Java, C, SQL

Tools & Infra: Git, MongoDB, Firebase, REST APIs, Socket.io, Xcode/Swift

EXPERIENCE

Applications Engineer | [Medidata Solutions, New York, NY](#) *Dec. 2019 – Jun. 2021*

- Contributed to the 'Ship Direct to Patient' feature using Ruby on Rails and React, building client-facing UI components that guided patients through remote medication delivery during Covid lockdowns.
- Implemented new software into the clinical trial process across a large production codebase serving active trials nationwide.
- Worked on an Agile team with daily standups, code reviews, and cross-functional collaboration.

Intern — Engineering Division | [Kawada Robotics, Tokyo, Japan](#) *Feb. 2019 – May 2019*

- Programmed Kawada's NEXTAGE Robot using C# and internal robotics software.
- Attended the Japanese Tech Expo focused on future technology innovation.

Intern — Software Engineer | [AGMednet, Boston, MA](#) *Jun. 2018 – May 2019*

- Built a prototype to assist clients configure AGMednet's Medical Imaging Software using Angular and MongoDB.

Developer | [Atlas Mobile App Startup, Boston, MA](#) *May 2018 – Oct. 2018*

- Designed and built a functioning mobile application using Xcode, Swift, and Firebase.
- Integrated the Google Maps API to display a map and store pinned coordinates and location data.

Intern — Rotational Program | [IBM Japan, Tokyo, Japan](#) *Jun. 2017 – Aug. 2017*

- Rotated across HR, Marketing, Sales, Software, and Services teams.
- Researched the impact of Blockchain and presented findings; forecasted Power Systems results; conducted client satisfaction outreach.

PROJECTS

Squad Up — Meetup Clone | React, Redux, Rails | github.com/dkdan10

- Built a full-stack web app with multiple CRUD cycles, user authentication via BCrypt, and real-time chat using Rails Action Cable websockets.

NBA-JamSlam — 2D Multiplayer Game | JavaScript, Express, Socket.io | github.com/dkdan10

- Built a real-time 2-player basketball game in Vanilla JavaScript with online multiplayer via Socket.io and Express.

ADDITIONAL EXPERIENCE

House Manager | [Transcend Recovery Community, New York, NY](#) *May 2022 – Aug. 2024*

- Led daily operations for a structured sober living community, managing crisis response, resident accountability, and cross-team communication.
- Supported residents through high-stakes situations requiring clear judgment under pressure.

Scout Player | [Columbia Women's Basketball, New York, NY](#) *Aug. 2024 – Present*

- Practice player simulating upcoming opponents to prepare the varsity team; assisted coaching staff with drills and player development.

Interests: Basketball (Division III), Chess, Music | **Volunteering:** Covenant House (Intern), Reading Partners