

# DIEGO SAAVEDRA

515-815-2546 | [diegoas2@illinois.edu](mailto:diegoas2@illinois.edu) | [Website](#) | [LinkedIn:diegoas2](#)

## EDUCATION

**University of Illinois at Urbana-Champaign**

*Expected Graduation Date: Dec 2024*

*Bachelor of Science in Computer Science*

**Relevant Coursework:** Data Structures and Algorithms, Computer Architecture, Web Programming, Internet of Things, Embedded Systems, Probability and Statistics, Database and Distributed Systems

## PROJECTS

### AI SOCIAL CHAT APP

*May 2023 – August 2023*

*Bare React Native*

- Developed an AI-integrated secure chat application, that enables real-time messaging using GetStream, AWS for secure user authentication, and OpenAI API for instant responses and enhanced collaboration.
- Introduced group creation functionality, similar to famous chat platforms, and facilitated direct messaging between users through username search.
- Implemented a photo-based feature, allowing users to snap multiple-choice questions and receive immediate answers with explanations, along with access to similar interactive practice questions. Users can also create custom interactive multiple-choice questions. Integrated user analytics to track the correctness of responses within group chats.
- Ensured thorough testing and quality assurance, making the app ready for publication on both the App Store and Google Play Store.

*Expo*

- Replicated the functionality of the AI-integrated chat application as described above, with the notable distinction of utilizing Firebase Realtime Database instead of Get Stream for the backend and Redux state management.
- Implemented Firebase for secure user authentication and included audio voice messages and image attachments within chat conversations, with optimized storage using Firebase Storage

### Tik Tok Clone

*June 2022 – Aug 2022*

*React*

- Developed a video hosting application that delivers an engaging user experience similar to TikTok.
- Implemented a dynamic and scalable database using Firebase to manage video content, utilizing a REST API for seamless data transfer between the client and server.

### Doggy Match

*September 2021 – December 2021*

*Java*

- Collaboratively (4 ppl.) developed a dog meetup mobile application that gives a user experience similar to Tinder that allows users to match with other dog owners. Incorporated multiple user roles, including account members, moderators, and viewers.
- Utilized Android Studio and Spring Boot as the front-end and back-end frameworks, Mockito for effective unit testing, and MySQL for user data storage.

## SKILLS

**Programming Languages:** JavaScript, Python, Java, C++

**Frameworks/Tools:** React Native, React, AWS, Firebase, Spring Boot, GitHub, GetStream

## LEADERSHIP

### CS 427 Software Engineer I

*August 2021 – December 2021*

Awarded Best Manager for guiding a team of 4 in a class of 250+ students for a semester-long project.