

# SHIVANK KAPOOR

 [linkedin.com/in/shivank Kapoor](https://www.linkedin.com/in/shivank Kapoor)  [github.com/ShivankKapoor](https://github.com/ShivankKapoor)

## Education

**University of Texas at Dallas**

*Bachelor of Science in Computer Science*

**Fall 2020 – Spring 2024**

*Richardson, Texas*

## Relevant Coursework

- Data Structures
- Algorithms Analysis
- Software Engineering
- Operating Systems
- Programming in UNIX
- Database Management
- Object Oriented Design
- Machine Learning

## Technical Skills

**Languages:** TypeScript, Python, Java, C++, C, HTML, CSS, SQL

**Developer Tools:** Jenkins, Jasmine, Docker, Markdown, Git

**Technologies/Frameworks:** Angular, RxJS, Pocketbase, Firebase, Unix, Swing, Tkinter, Gitlab

## Experience

**Software Engineer Intern**

**May 2023 – December 2023**

*Motio, Inc.*

*Plano, Texas*

- Worked on the MotioCI application, a specialized platform for managing and enhancing IBM Cognos BI (Business Intelligence) environments.
- Developed a new responsive user interfaces using Angular, TypeScript, HTML, and CSS for the MotioCI application.
- Collaborated closely with the back-end team to integrate GraphQL APIs, ensuring efficient data retrieval and display.
- Translated design specifications into visually appealing and functional user interfaces for MotioCI.
- Actively participated in code reviews and agile development sprints to maintain and develop quality software.

## Projects

**Reel Rater** | *Angular, TypeScript, HTML, CSS, PocketBase*

- Developed a web application using Angular, PocketBase, and Google's Material Design assets to track what movies the user watched and what they rated them.
- Implemented features that enabled users to log and track their movie experiences, record detailed reviews, and calculate personalized viewing preferences based on genre preferences and ratings.
- Utilized Angular Material components to create a modern and responsive user interface, adhering to Google's Material Design principles.
- Integrated PocketBase for efficient data storage and retrieval, enhancing the application's real-time capabilities.

**Time To Leave** | *Java, Swing Toolkit, Google Matrix API*

- Built an application in Java using the Swing toolkit and the Google distance matrix API to notify the user when to leave for their next class.
- Implemented the Google Distance Matrix API to calculate walking times accurately.
- Integrated a notification system to alert users when it's time to leave for their next class based on real-time calculations.

**Drone Cast** | *Python, Tkinter*

- Built a Python application using the Tkinter toolkit that lets users check if the conditions outside are safe to fly their drone
- Implements the IP API to get the user's current location, then passes it to the Open Weather Map API to get weather data.
- Designed a user-friendly interface with a simple and easy-to-understand design with the Tkinter toolkit.

## Extracurricular

**Association for Computing Machinery**

*Member*

**Fall 2020 – Present**

*University of Texas at Dallas*

**Artificial Intelligence Society**

*Member*

**Spring 2022 – Present**

*University of Texas at Dallas*