

KAI JIE LEE

587-839-0165 | leekaijie0805@gmail.com | [linkedin.com/in/lkaijie](https://www.linkedin.com/in/lkaijie) | Edmonton/Calgary, AB | [Website](#)

EDUCATION

University of Alberta

Bachelor of Science, Specializing in Computing Science

Edmonton, AB

Expected Apr 2025

EXPERIENCE

Ebusiness Help Desk Analyst Co-Op

Workers Compensation Board - Alberta

Jan 2024 - Apr 2024

Edmonton, AB

- Provided front-line support to business owners, resolving any technical or non-technical issues
- Maintained and updated knowledge base of e-business systems by Ivanti, PeopleSoft
- Collaborated with Business Analysts and Software Developers to identify problems with software, implementing fixes and improvements

Undergraduate Teaching Assistant

University of Alberta

Sept 2023 - Apr 2024

Edmonton, AB

- Marked and evaluate code base of students, ensuring proper conventions are followed
- Showcased Object-Oriented Design in Java and NoSQL Firestore database to students
- Wrote comprehensive lab materials and provided lectures regarding Android Development to over 400 students.
- Drove weekly Stand-up meetings with teams to ensure they practiced Agile development and met bi-weekly sprint goals

PROJECTS

Distributed Social Networking | [React](#), [Django](#), [Heroku](#), [Javascript](#) | [GitHub](#) | [Demo](#)

- Worked in a team of 5 to create a social media website similar to the likes of Twitter and Instagram
- Wrote reusable and responsive React components with a focus on user experience and aesthetics
- Designed a RESTful API that adheres to OpenAPI guidelines using Django, which was used to process and standardize content from other similar sites

TTrack | [Vue](#), [Typescript](#), [Firestore](#) | [Github](#) | [Demo](#)

- Designed and deployed a Todo-List application, inspired by Microsoft To-Do
- Implemented OAuth2.0 Google login via Firebase Authentication, letting users sync tasks across devices
- Built a No-SQL database with Firestore, allowing for ease of modifications or adding of features
- Created a clean and professional layout for both mobile and desktop

Watch Along (Ongoing) | [React](#), [Typescript](#), [Realtime Database](#) | [Prototype](#)

- Created a platform that allows for up to 70 users to watch youtube videos in sync
- Supports searching via Youtube Data API, and video and playlist queuing
- Utilized Firebase Realtime Database as a pseudo-websocket, allowing for the webapp to be deployed on a static site, without the need for a backend

QRHunter | [Java](#), [Firestore](#), [Robotium](#), [XML](#), [Android Studio](#) | [Github](#)

- Developed a Mobile Application enabling users to discover and scan QR codes to earn points through a social media-style interface alongside a team of 6, while following Agile principles
- Built a fully functioning leaderboard page and scoring system, utilizing Firestore for real-time leaderboard updates
- Implemented rigorous unit and UI testing using JUnit and Robotium
- Structured project with the Model-View-ViewModel(MVVM) design architecture, based on the official Android App Architecture

TECHNICAL SKILLS

Languages: Typescript, Javascript, SQL, Java, Python

Frameworks: React, Vue.js, Django, MongoDB, JUnit, Robotium

Developer Tools: Git, GitHub, Firebase, Android Studio