Peter Xiao

Software Engineer

peterxiao1998@gmail.com | 647-303-5651 | peterxiao.vercel.app | Richmond Hill, Ontario, Canada

Employment

MRI Software LLC.   Feb 2022 - Nov 2023

Software Engineer in Toronto, Canada

- Worked extensively with **C#**, **.NET**, and **JavaScript** on a proptech platform, catering to some of the world's largest and most complex real estate portfolios
- Focused on the Investment Accounting platform within the proptech suite, specifically contributing to enhancing the functionality for managing stapled securities
- Developed a new feature from the ground up, allowing users to incorporate stapled securities into their portfolio - enabling the management of multiple property investments as a single entity group while preserving previous distinct properties and usages for each unit
- Enhanced the investment accounting application by improving the upload process for commitments, integrating features for stapled securities information management allowing users to shrink time curating files uploaded by 70%
- Utilized in-house database design frameworks and **SQL** to assist in data management, refining table structures and user-defined functions within the database to allow for greater breadth of functionality of currently existing features

Angus Systems Group Limited   Jan 2021 - Feb 2022

Junior Software Engineer in Toronto, Canada

- Created "Connect", a native Android application using **Kotlin**, for tenant real estate management, featuring a user-friendly interface for service requests
- Implemented the filtering of service requests in "Connect", from the ground up manipulating the local storage through SharedPreferences to store and recall previously filtered items, thereby enhancing user experience and efficiency
- Designed comprehensive notification functionalities, improving communication for service requests, property news, and visitor approvals
- Developed "Contactless Entry", a native Android visitor management application in **Kotlin,** for client properties, enhancing visitor screening and reducing physical contact during check-in
- Implemented workflow and approval logic for property access, integrating admin approvals and reservation systems for permission of entrance to the requested properties

Technical Skills

Languages: Java, Kotlin, Python, C#, SQL, Javascript/TypeScript
Technologies: HTML, CSS, React, Android Studio, Gradle, Git, JIRA, REST, .NET, SSMS, Visual Studio

Education

University of Toronto   Sep 2016 - Jan 2021

Honours Bachelors of Science - Specialist in Software Engineering