

# Aaron Lee

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## Technical Skills

**Languages:** Java, C#, Kotlin, C, JavaScript, HTML, CSS, SQL, Assembly

**Technologies:** Matlab, Unity, .NET Framework, Android Development, Node.js, Git

## Education

**Toronto Metropolitan University**

**2020 - 2025**

*B.Eng Computer Engineering (Software Specialization)*

## Work Experience

**IBM**

**Summer, 2022**

*Business Transformation Intern - Insurance Practice*

*Toronto, ON*

- Designed architecture diagrams for a new cloud-based solution using Visio.
- Collaborated with clients to understand the current and future state processes. Developed and documented agile project requirements to align everyone during the build phase.

**Genexis Design**

**Summers, 2018 - 2020**

*Software Engineering Intern*

*Markham, ON*

- Developed an augmented reality mobile app using C# and Unity to view virtual 3D office models at scale within a physical space, expanding current business from desktop apps to mobile.
- Designed a set of modular software tools using object oriented programming to categorize, draw, and label regions of an office blueprint in a windows application.

## Projects

**Neighborhood Climate Action Champion**

**Ongoing**

- Currently working with LiveGreenTO and local community organizations to engage residents to take meaningful action about climate change.

**Commercial Retail Database (SQL)**

**Ongoing**

- Designed and implemented a medium-sized database using Oracle SQL to model a retail store.
- Utilized queries, views, and relations to manipulate the data for analysis.

**Rock Climbing Training App (Kotlin, Firebase)**

**2021**

- Prototyped an android app with a small team to generate a training plan tailored to target a person's strengths and weaknesses in rock climbing, based upon multiple physical factors.
- Implemented specific UI design specifications and designed back-end functionality.

**Bookstore Application (Java)**

**2021**

- Developed a full stack application using JavaFX for the UI, to enable different users to login, buy, manage, and sell books digitally.
- Designed the structure of the codebase using UML diagrams and design patterns to improve code organization and efficiency.