

# Kaan Kaya

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## Profile

I am a fourth-year Computer Science student at York University in Toronto. During my study and my personal projects I focused on data structures and algorithms, object oriented programming, database management, backend and frontend web development, software analysis and design. I am in search of software developer/engineer internship positions with passionate teams of talented developers in order to learn and contribute to the team with which I will be employed in the future.

## Summary of Strengths

- **Teamwork and group dynamics:** Practised working in a team environment as a result of experiences from course group projects and work experience.
- **Leadership and problem solving:** Contributed analytical thinking and problem solving in team projects. Made critical decisions in projects, resulting in a better designed code and eventually getting a better grade for the team.
- **Verbal communication and interpersonal skills:** Developed through working as Sales Associate at Galati Market Fresh. Greeted customers and made recommendations to them resulting in more satisfied customer base.
- **Experience in fast-paced environments:** Worked in a mid-scale bakery with strict quality standards and extensive sanitation requirements taught personal time management and collaboration skills with coworkers that I needed to meet employer and customer expectations on a consistent basis.

## Education

### B.Sc. Computer Science, Fall 2020 - Present (Expected Grad. April 2025)

#### York University, Toronto, ON

- **Relevant courses:** Machine Learning and Pattern Recognition, Advanced Object Oriented Programming, Building e-Commerce Systems, Design and Analysis of Algorithms, Fundamentals of Data Structures, Database Systems, Software Design, Operating Systems Fundamentals, Programming for Mobile Computing, Software Tools.
- **Relevant projects:** Built solo or contributed to my group in coding projects, such as:
  - Designed and developed an application that helps the user find the most affordable region in Canada to buy a house.
  - Designed a database system to keep track of the information of university's database.
  - Designed and developed an OOP Java application about Event Tracking Calendar that has a GUI and using MySQL.
  - Developed a TicTacToe game using Android Studio with interactive GUI.

## Technical Skills

- **Object oriented programming:** Developed **OOP** projects using **Java** and **C++**.
- **Database:** **SQL** programming skills and experience in **MySQL**.
- **Algorithms:** Algorithm complexities, sorting algorithms, dynamic programming and graph algorithms.
- **Data structures:** Strong knowledge in various data structures such as linked lists, stacks, queues, trees and graphs.
- **Web development:** Built websites using **HTML**, **CSS** and **Javascript**.
- **Android development:** Built working Android apps using **AndroidStudio** like TicTacToe game and Banking app.
- **Maths and Computer Science:** Courses completed in Differential and Integral Calculus, Discrete Maths and Computer Science Logic and Theory.

## Personal Projects

### TicTacToe Game

- Created a TicTacToe game with an interactive GUI using Android Studio and Java API.
- Learned how to develop effective user interfaces and app design.

### House Hunter Canada

- Ongoing course group project where a database entry of a house market is given, the program determines which region in the database is the most affordable to buy a house with a UI.
- The program is coded on Java and requires knowledge on OOP, database systems and user interfaces.

## Personal Web and App Development Projects

- Currently working on building my own web portfolio page.

## Work experience

### Sales Associate, Galati Market Fresh, January 2021 - April 2024

- Worked mainly in bakery department but also contributed to a variety range of other departments, such as deli, kitchen and meat department as well. Aided coworkers in every department to fill in for them when they were away.
- Performed bakery and deli opening and closing shifts by myself.
- Trained new bakery and deli department employees.