# KEVIN HU

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## EDUCATION

**University of Toronto** — September 2022 - May 2026
*Bachelor of Science in Computer Science* — *Toronto, ON*

- Relevant Coursework: Data Structures and Algorithms, Object Oriented Programming, Software Design, Introduction to the Theory of Computation, Arts & Science Internship Program.
- Extracurriculars: Rotman Commerce Human Resources Association, CUA Pheonix basketball team.
- Achievements: Dean's List 2023, 2023 Later Life Learning OSOTF Award.

## SKILLS AND TECHNOLOGIES

**Languages**: Python, TypeScript/JavaScript, Java, HTML/CSS, C++.
**Frameworks**: Express, Tailwind CSS, Bootstrap, ChakraUI.
**Libraries/Tools**: React, Node.js, Next.js, Upstash Redis, MongoDB, Pusher, NextAuth.js, Git, Postman, Spotipy, Tkinter, Swing, Bottle, Pandas.

## EXPERIENCE

**Web Developer** — July 2023 - Present
Orchard Family Dentistry — *Toronto, ON*

- Constructed and maintained the dental office's new website using **React**, **Tailwind CSS**, and **JavaScript**.
- Oversaw the website development and communicated with the marketing team to ensure design consistency with the clinic's marketing materials.
- Improved the website's conversion rate by **50%**.
- Increased the website's user base to **over 200 monthly visitors**.

**Web Developer** — November 2022 - April 2023
Rotman Commerce Human Resources Association — *Toronto, ON*

- Built and deployed the club's website using **HTML**, **CSS**, **JavaScript**, **Bootstrap**, and **React** to display club information and events, leading to a **75% increase** in club membership and a significant improvement to overall club engagement.
- Led the web development team to introduce new components to the website to enhance user experience.

## PROJECTS

**TextMe** | *TypeScript, Upstash Redis, React, Next.js, Node.js, NextAuth.js, Tailwind CSS, Pusher*

- Constructed a real-time messaging web application with a **RESTful** back-end using **Node.js** and **Upstash Redis**.
- Engineered a user-friendly interface using **React**, **TypeScript**, and **Tailwind CSS**.
- Implemented an account system using **NextAuth.js**.
- Enabled real-time, bidirectional communication between web clients using **Pusher**.

**HomeworkPal** | *TypeScript, MongoDB, Express, React, Node.js, ChakraUI*

- Developed a homework task tracker web application with a **RESTful** back-end using **Node.js**, **Express**, and **MongoDB**.
- Designed and implemented a modern and simplistic interface using **React**, **TypeScript**, and **ChakraUI**.
- Created an account system using a JSON Web Token based user authentication system.

**MyRecipeMate** | *Java, Swing*

- Built a recipe saving application built in **Java** featuring a responsive **Swing** interface.
- Implemented recipe searching using recipe data from **TheMealDB API**.
- Constructed an account system that allows users to favourite and save their recipes.

**MelodyMatch** | *Python, Spotipy, Tkinter, Bottle*

- Engineered an app to provide song recommendations tailored to a user's top 50 most listened to songs on Spotify.
- Collected and aggregated user's song listening data using the **Spotify Web API**.
- Implemented a song recommendation algorithm using decision trees and a data set of a million songs.
- Designed an intuitive interface for the application using **Tkinter**.