

# David Ly

647-996-8978 | [d26ly@uwaterloo.ca](mailto:d26ly@uwaterloo.ca) | [linkedin.com/in/davidly26](https://www.linkedin.com/in/davidly26) | [github.com/davidly1](https://github.com/davidly1)

## TECHNICAL SKILLS

---

**Languages:** Javascript, HTML/CSS, Java

**Frameworks/Libraries:** React.js, Node.js, Express.js, MaterialUI, TailwindCSS

**Tools/Technologies:** MongoDB, Git, Eclipse, Netlify, Heroku, Android Studio, Figma, Webflow

## EXPERIENCE

---

### Web Designer Intern

May 2022 – Aug 2022

*Dundas Life*

*Toronto, ON*

- Designed **7** SEO pages using **Figma** to plan out the overall design of the finished website page
- Deployed **11** pages in total using **Webflow** in order to increase the conversion rate of 1000's of potential clients looking to buy life insurance
- Collaborated with a team on a daily basis to discuss website functionalities and design
- Integrated and styled tables using **HTML and CSS** to display the comparisons of life insurances rates from various insurance providers

### Tech Team Member

Oct 2021 – Present

*Industry 4.0*

*Waterloo, ON*

- Utilized **HTML, CSS, and Javascript** to create a website that advertises the competition to high schools across Ontario
- Used **Git** to collaborate with the team and for project review

## PROJECTS

---

### NotePal | *React, Node, Express, MongoDB*

- NotePal is a full-stack web application built with the **MERN** stack that allows users to create their own personal notes with **CRUD** operations in their secured accounts
- Developed **REST API** using **Node.js and Express** that would perform **CRUD** operations to **MongoDB**
- Implemented user authentication process using **JWT and bcrypt** to ensure a secured user experience
- Styled web app components using **MaterialUI** in order to create an aesthetically pleasing design

### Weatherly | *React*

- Weatherly is a web application that allows users to input any city and it will display the weather information at the current time
- Developed and built using **React** to display temperatures and weather information of cities around the world
- Integrated **OpenWeather API** using **Axios** to obtain a **90%** accuracy reading of user inputted cities

### Katakana Quiz | *React*

- Katakana Quiz is a web application that displays a katakana character and allows the user to input the romaji equivalent where they will gain a score if the input is correct or lose their streak if it is incorrect
- Developed the web app using **React** to present a katakana character and keeps the max score of the user
- Styled the web app using **TailwindCSS** to produce an attractive design

### Rhyme Out | *Android Studio, Java, XML*

- Rhyme Out is a party game app that hosts 2 to 5 players and was inspired by the card game
- Developed an android app using **Android Studio** that features **72** cards in total and created in less than 3 weeks
- Implemented **stacks** and object-oriented programming concepts such as **encapsulation** using Java to mimic the card game in an app setting

## EDUCATION

---

### University of Waterloo

Waterloo, ON

*Candidate for Bachelor of Applied Science in Management Engineering*

*Sep. 2021 – Apr. 2026 Expected*

- Relevant courses: Data Structures and Algorithms, Intro to Programming
- Honours: Dean's Honours List Winter 2022
- Cumulative GPA: **3.8/4.0**