

# Kish Dizon

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## EDUCATION

### Toronto Metropolitan University

Sept 2024 - May 2027

*Bachelor of Science in Computer Science*

*Toronto, ON*

- Relevant Courses: Data Structures and Algorithms, Computer Architecture, Operating Systems, Computer Science I/II, Linux and C/C++, Databases, Machine Learning, Artificial Intelligence, Software Engineering

## TECHNICAL SKILLS

**Languages:** Python, Swift, TypeScript, JavaScript, SQL, HTML, CSS, Java, Bash, C/C++, Elixir

**Frameworks:** SwiftUI, UIKit, AppKit, React, Next.js, FastAPI, Flask, Express.js, Node.js, Tailwind CSS

**Developer Tools:** AWS, GCP, Docker, GitHub Actions, Git, Firebase, Supabase, Vercel, Redis, Sentry, Nginx

## EXPERIENCE

### Software Developer Intern

June 2025 – September 2025

*Morphace Inc.*

*Toronto, ON*

- Developed Morphace iOS app end-to-end, collaborating with a team of 5+, building **FastAPI** backend on **AWS** and **SwiftUI** frontend for real-time biometric data and personalized skin insights.
- Engineered and documented RESTful APIs, enabling seamless real-time data ingestion from multiple prototype devices while reducing backend response latency by **40%**.
- Built an **LLM-powered skin analysis module** with tokenizer optimizations, cutting token consumption by **32%** and accelerating inference speed by **2.1×**.

## PROJECTS & CONTRIBUTIONS

### Excalidraw Open Source Contribution | *TypeScript, React*

Winter 2026

- Contributed QR code feature to live collaboration, enabling mobile device joining for 850K+ monthly active users.

### html.ai - UofT Hacks Project | *Python, FastAPI, JavaScript, MongoDB, Docker*

Winter 2026

- Built AI tool that personalizes e-commerce content to boost conversions based on visitor behavior.
- Enabled non-technical users to optimize headlines and CTAs via simple HTML tags.

### MealMate | *Python, FastAPI, Swift, SwiftUI, Spoonacular API*

Summer 2025 - Present

- Built a full-stack recipe recommender app helping users save money by matching local on-sale items to recipes.
- Built normalization pipeline converting unstructured flyer text into structured ingredient data for recipe matching.

### Musubi | *Swift, SwiftUI, AppKit*

Fall 2025 - Present

- Designed productivity app using MVVM architecture with a state-machine core to ensure data consistency and persistent task tracking across app sessions packaged via Homebrew.
- Developed custom SwiftUI components with advanced trackpad interactions and draggable UI elements.

### Cryptography RAG System | *FastAPI, React, HNSWLib*

Fall 2025

- Developed a retrieval-augmented generation (RAG) chatbot using NLP and search optimization techniques.
- Built an ingestion system to parse PDFs into structured chunks for consistent retrieval from a FastAPI backend.

### Cypress | *Flask, JavaScript, Twilio*

Winter 2025

- Collaborated with team of 5 to design city issue-reporting web app and real-time Twilio SMS notifications.
- Engineered geolocation backend endpoints and responsive UI for report submission, viewing, and verification.

## LEADERSHIP & INVOLVEMENT

### Vice President

September 2024 – Present

*IEEE TMU CS & IBM Z Ambassador Program*

*Toronto, ON*

- Rebuilt the club and grew membership to **200+ students** through workshops, sponsorships, and campus partnerships.
- Led and organized **5+ technical workshops** covering programming fundamentals.
- Collaborated with team of **10+ members** to ensure smooth execution of events, coordinate outreach, and maintain high engagement levels within the club.