

# Dennis Kim

COMPUTER SCIENCE · FULL-STACK DEVELOPER · TORONTO, ON

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## Skills

<b>Programming</b>	Python, Node.JS, C/C++, Javascript, JAVA, Lisp, LaTeX
<b>Web</b>	CSS, HTML5, React, MySQL, SCSS
<b>Graphic Design</b>	Adobe Illustrator, Adobe Photoshop, Adobe Premiere Pro, Adobe AE, Figma, Procreate, Canva
<b>Language</b>	English, French, Korean

## Education

### Ryerson University

TORONTO, CANADA

HONOURS B.S. IN COMPUTER SCIENCE CO-OPERATIVE PROGRAM

SEPTEMBER 2020 - JUNE 2025

- Recipient of the General Entrance Scholarship (2020) for achieving academic excellence upon admission.
- **Relevant CS Coursework:** Operating Systems, Data Structures, Human Computer-Interactions, Computer Graphics
- **Relevant Math Coursework:** Calculus and Computational Methods, Linear Algebra, Discrete Math, Probability and Statistics.

## Experience

### Ontario Chamber of Commerce

TORONTO, CANADA

SMALL BUSINESS DIGITAL ADVISOR

MAY 2022 - AUG 2022

- Provided cyber security consultations for over 1000 SMEs (small and medium-sized enterprises)
- Developed websites to over 135 communities across Canada, Ontario using Square and Shopify
- Designed digital tool kits to support businesses interested in improving their digital adoption
- Underwent multiple training workshops facilitated by Amazon, Square, Shopify, Microsoft, and ADaPT

### SciXchange

TORONTO, CANADA

SCIENCE OUTREACH & COMMUNICATION STUDENT LEAD

SEPTEMBER 2021 - APRIL 2022

- Promoted and facilitated on-campus science enrichment initiatives and mentorship programs with other organizations.
- Managed all Ryerson's SciXchange social media accounts.
- Designed graphics for all social media posts, increased account engagement, reach and follower growth by 150%.

## Extracurricular Activity

### Women in Computer Science

TORONTO, CANADA

DIRECTOR OF GRAPHICS

JUNE 2022 - PRESENT

- Collaborated with executives to plan and execute 10+ events to improve on-campus life for over 10,000 students.
- Designed flyer/posters, merchandise & online social media content reaching over 40,000 students.
- Lead the creative design process for all deliverables by following brand guidelines with minimal supervision

### Ryerson Science Society

TORONTO, CANADA

FROSH LEADER

JUNE 2021 - PRESENT

- Managed online and in-person events in order to facilitate smooth transition to university
- Organized and provided tours of Toronto for over 400 first year science students at Ryerson University

## Projects

### Sprout

PLANT PARENTING APP

- Developed a mobile app using **Java** in **Android Studio** to inform users of their plant's moisture and water levels
- Collaborated with a team of engineers to integrate **WIFI IOT devices** and **Arduinos** to track soil moisture data
- Programmed a soil moisture Arduino using **C++** in **ArduinoIDE** to read and write soil moisture levels onto an **XML database**
- Designed a user friendly interface website using **HTML**, **CSS**, and **Javascript** to present Sprout during **Hack the North 2021**

### Discord Bot

MUSIC & YAHOO! FINANCE STOCK CHECKER

- Developed software using **Python**, **FFmpeg Library**, **yfinance Library**, and **youtube\_dl Library** to help manage songs, images, comments, and various other custom commands to help online communities hosted on Discord servers