

Dennis Kim

COMPUTER SCIENCE · FULL STACK DEVELOPER · OAKVILLE, ON

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Skills

Programming	Python, Node.JS, C/C++, Javascript, JAVA, Lisp, LaTeX
Web	CSS, HTML5, React, MySQL, SCSS
Graphic Design	Adobe Illustrator, Adobe Photoshop, Adobe Premiere Pro, InVision, Figma, Procreate, Canva
Languages	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, Software Engineering, Comparative Programming Languages.
- **Relevant Math Coursework:** Calculus and Computational Methods, Linear Algebra, Discrete Math, Probability and Statistics.

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

Personal Portfolio Website

DENNISKIM.ME

- Created a website using **HTML**, **CSS**, **SCSS**, and **Javascript** to display a portfolio of academic and team-oriented projects
- Utilized **git** command lines from the master branch to host the website on **Github**

Extracurricular Activity

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 incoming first year science students at Ryerson University

HackIR

Oakville, Canada

FACILITATOR

DECEMBER 2018

- Facilitated workshops educating students in topics such as Python, Java, Mobile Application Development, Encryption, & Algorithms.
- Supervised students developing, designing and pitching projects they build from scratch.
- Designed poster advertisements to promote the event across the Halton District School Board.

Experience

SciXchange (Ryerson University)

Toronto, Canada

SCIENCE OUTREACH & COMMUNICATION STUDENT LEAD

SEPTEMBER 2021 - PRESENT

- Promoting and facilitating on-campus science enrichment initiatives and mentorship programs with other organizations.
- Responsible for the management of all Ryerson's SciXchange social media accounts.
- Creating graphics for all social media posts, increased account engagement, reach and follower growth by 150%.