EVAN DENNISON

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Education	**Bachelor of Software Engineering**	Expected Graduation: Aug 2028
	University of Waterloo	

High School Diploma — 2019-2023
Garth Webb Secondary, Oakville, Ontario

- Governor General's Academic Medal (awarded to grade 12 student with highest average)
- Computer Science Book Award (awarded to grade 12 student who has shown dedication and passion in the subject area)
- Leader of Computer Science Club
- Leader of Investment Club

Professional Experience

Software Engineer — Summer 2022
Cornell University

- Used Microsoft Power Automate to scrape & aggregate review data from various travel sites
- Developed instructional how-to videos that provide background information for Cornell students to create their own RPA (robotic process automation) workflows in Power Automate

Lifeguard/Swim Instructor — 2021-2023
Cedar Springs Health, Racquet, and Fitness Centre

- Responsible for ensuring safety of swimmers by monitoring pool, enforcing rules, responding to emergencies
- Taught swimmers of all ages and levels how to swim and improve swimming skills

Projects

Tutor Centre
Source: https://github.com/Redennison/Tutor-Centre
Demo: https://tutor-center.herokuapp.com/register

- A Flask & MongoDB application with a focus on connecting students with suitable tutors through a sophisticated matching system

DeriveFX
Source: https://github.com/Redennison/DeriveFX
Video Demo: https://youtu.be/i_vfXLsiKcQ

- A JavaFX application that offers comprehensive graphical and algebraic representation of function derivatives based on user-provided input

ChemCam
Source: https://github.com/Redennison/ChemCam
Video Demo: https://youtu.be/LJfloeurg60

- A Flask website that employs advanced algorithms to retrieve chemical formulas based on user-inputted formula names, which can be provided either through textual input or uploaded as images

Node Message
Source: https://github.com/Redennison/sms-application
Demo: https://multi-sms-application.herokuapp.com/

- A Node.js and MongoDB-based website designed to facilitate bulk text message transmission using Twilio

Life Saver
Source: https://github.com/Redennison/Life-Saver
Demo: https://life-saver.herokuapp.com/

• An injury treatment & diagnosing website offering quick access to personalized treatments for various injuries and medical conditions (JavaScript)