



# MATTHEW GOODMAN

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**\* Seeking a Summer Internship \***



## EDUCATION

### MCGILL UNIVERSITY

BSc. - Majoring in **Computer Science**

Fall 2019 – Current (U1)

#### Fall 2019:

COMP250 – Intro to Computer Science  
COMP206 – Intro to Software Systems  
COMP273 – Intro to Computer Systems  
MATH240 – Discrete Structures I

#### Winter 2020:

COMP251 – Algorithms & Data Structures  
COMP303 – Software Design  
COMP321 – Programming Challenges  
MATH223 – Linear Algebra II  
PHYS183 – Milky Way Inside Out

### JOHN ABBOTT COLLEGE

Science Program

Honours in English – R-Score: 31.7

Graduated January 2019

### SAINT THOMAS HIGH SCHOOL

IB Program

Graduated 2016

Principal's Award

Student Council Member

Tech Committee Member



## ONLINE CERTIFICATE COURSES

[Links + More Info Available on My Website](#)

**CS50x via edX:** An online course offered by Harvard University teaching me the fundamentals of computer science. It allowed me to start learning how to think algorithmically and to solve problems more efficiently.  
Harvard University

**Nand2Tetris:** In the project-centred course, they taught me the basics of computer hardware and the languages the hardware uses to communicate with the OS.  
University of Jerusalem

**FreeCodeCamp:** I took two of FCC's online certificate courses. The first one was the **Responsive Web Design Certificate** which taught me basic HTML and CSS as well as Web Design principles. The second course, **JavaScript Algorithms and Data Structures** taught me basic JS, REGEX, and Object Oriented Programming.



## HACKATHONS / PROJECTS

### KeepUp:

Winning Hackathon Project  
at Yale University

[Best Education Hack](#) - YHack '19

Won the [Best Education Hack](#) at my first hackathon. Our team created a **web application that allows for better real-time communication between students and professors during lectures.**

*KeepUp* provides students with a platform where they can pose questions to the professor in real-time and where professors can get an assessment of the percentage of the class who are understanding their content.

Project Built With: JavaScript and Google's Firebase (for hosting and backend database).



## SKILLS

### Languages Spoken:

English and French

### Programming Languages:

Java, C, C#

JavaScript

HTML, CSS (& Bootstrap)

Python

### Proficient with Using:

Windows OS

Microsoft Office Suite including  
manipulating data with Excel

### Experience With:

Linux, Bash

SQL Databases



## WORK EXPERIENCE

### Assistant Aquatic Coordinator

Redwood Day Camp  
2019

### Lifeguard

Redwood Day Camp  
2015 - 2018

### Swimming / Skating Instructor

Privately Since  
2015

*\* References Are Available Upon Request \**

