CHRIS LIM

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PROFILE:

- Programming: Java 8, Python 3, Swift, Arduino, JavaScript Processing, React JS
- Tools: IntelliJ, XCode, PyCharm, Android Studio, WebStorm
- App Development: Android App, iOS App
- Frameworks: Spring, Selenium, Flask
- Computer skills: Microsoft Word, Excel, PowerPoint
- DBMS: MySQL, MongoDB
- Strong leadership, analytical, organizational, and time management skills

EXPERIENCE:

HATCH CANADA
Coach

December 2017 – August 2018

- Taught a group of 6 students aged 7-17 JavaScript processing
- Oversaw their assigned work, corrected and explained to them their mistakes and the proper way of coding
- Performed one-on-one teaching sessions to certain students that were having difficulties understanding the concepts
- Used simple analogies to clarify simple concepts to students

Technologies: JavaScript Processing, Hatch IDE

GORDON GRAYDON MEMORIAL SECONDARY SCHOOL
President of Computer Science Club

September 2017 – June 2018

- Taught computer programming to a group of 20 high school students
- Performed brain storming sessions on how to tackle complex problems using the divide and conquer approach
- Always opened to new suggestions from other students

- Prepared high school students to compete in the 2018 Waterloo CCC (Canadian Computing Competition) by solving previous competitions' questions as a team

Technologies: Java 8, Python 3, Swift 4, XCode, IntelliJ, PyCharm

UNIVERSITY OF TORONTO DEEP LEADERSHIP CAMP

July 2017 – August 2017

- Participated in a 12-day program developing leadership skills through the applications of STEM (Science, Technology, Engineering and Math)
- Developed my leadership and communication skills through the daily teamwork activities given throughout the camp

FAIRVIEW FLYERS FIRST LEGO LEAGUE

Mentor

November 2016 – April 2017

- Taught students how to program their robots to perform certain tasks such as fetching an object by avoiding or going over various obstacles
- Ensured that the robots are ready to compete in the FIRST Lego League Competition
- Taught students how to solve complicated algorithms through the divide and conquer approach

Technologies: Lego Mindstorms EV3 IDE

GORDON GRADON MEMORIAL SECONDARY SCHOOL

FRC ROBOTICS TEAM 1325 – INVERSE PARADOX

Mechanical Junior Lead

September 2015 – September 2017

- Supervised the mechanical sub team by ensuring that all team members completed their assigned tasks on time
- Taught new team members the necessary skills to construct the robot
- Ensured that all components of the robot we were responsible for were fully tested and working properly before handing them over to the next sub team
- Presented our past robots technical achievements to Hatch Ltd. in order to gain their sponsorship for the 2016 robotics competition

Member

September 2014 – September 2015

- Learned about the various components of the robot
- Familiarized myself with the various tools in the workshop
- Participated in meetings to brainstorm about how to design the robot efficiently
- Worked with a team of 50 high school students to build a robot within a 6-week time frame to compete against other high school robotics teams from around the world
- Actively volunteered to promote STEM throughout the community through workshops, shopping malls and at local schools

Projects:

Important Event Generator

August 2019 – August 2019

- Developed an automated event generator that automatically places all school related important events in your personal calendar
- Notifies users when deadlines/important dates are approaching
- Provides an ease of access to see all your important dates on your personal calendar rather than constantly checking online

Technologies: Python 3, Flask, OAuth2, Google Calendar API

Timetable Generator

July 2019 –August 2019

- Developed a timetable generator for students attending the University of Toronto (Mississauga Campus)
- Timetables are generated based on a student's personal preference
- Eases the stress of creating school timetables

Technologies: Python 3, Flask, Pandas

Chess

November 2017 – January 2018

- Developed a Chess game for my Grade 12 Computer Science final project

Technologies: Java 8, JavaFX

EDUCATION:

UNIVERSITY OF TORONTO

September 2018 – Current

GORDON GRADON MEMORIAL SECONDARY SCHOOL

September 2014 – June 2018

Ontario Secondary School Diploma (International Business and Technology Program)

AWARDS/ACHIEVEMENTS:

- 2016 FIRST Robotics – Regional Engineering Inspiration Award
- 2016 FIRST Robotics – Entrepreneurship Award
- Royal Conservatory of Music Level 7 Piano Honors – Practical (2016)
- Royal Conservatory of Music Advanced Rudiments – Theory (2016)

HOBBIES:

Programming, skiing, cycling, playing piano, hiking, break dancing