

Creative and hard-working computer science student, with various leadership experiences and skills in programming, mathematics and logic. Continuously seeking to utilize my adaptability, responsibility and critical thinking skills to bring out the best in myself and the world around me.

EDUCATION

University of Toronto, St. George Campus
Candidate for HBSoc in Computer Science

Sept. 2020 — May 2024

WORK AND VOLUNTEER EXPERIENCE

Computer Science Volunteer Instructor
Youth Dream Canada

Aug. 2021 — Present
Toronto, ON

- Utilizing personal computer science expertise to teach one-on-one coding lessons.
- Communicating and engaging with students to create enjoyable and productive learning experiences.

Substitute Piano Teacher
4Sound Music

Jan. 2020 — Mar. 2020
Toronto, ON

- Adapted to a variety of student's learning styles, to teach basic piano rudiments and focus on specific areas of improvement.
- Assessed student's progress and set personal goals that would be both challenging and beneficial.

Karate Summer Camp Instructor
Summit Karate

July 2015 — July 2018
Toronto, ON

- Instructed karate basics to younger students by demonstrating techniques and incorporating them into real life situations.
- Combined physical and mental training, so students were able to gain a deeper understanding of martial arts and improve mind, body, and spirit.

PROJECTS

Minimax TicTacToe Game, Python

May 2021 — July 2021

- Developed a full-stack user vs computer game of TicTacToe that is impossible for the user to win.
- Implemented the minimax algorithm, which utilizes recursive backtracking to analyze all possible outcomes, and ensures that the computer always makes the correct move.

Interactive Periodic Table, Java

Jan. 2020 — May 2020

- Worked on a team to develop a full-stack periodic table, filled with the tools necessary to assist chemistry students.
- Developed all front-end elements, and functionalities such as interactive cells, a molar mass calculator and a temperature slider.

Personal Website, HTML, CSS, JavaScript

July 2021 — Aug. 2021

- Developed a personal online portfolio that is regularly updated to present general information about myself.
- Showcases various personal JavaScript web apps, such as a TicTacToe game, task list and more.

ACTIVITIES

Extracurricular Involvement Piano (06/2006-Present), Karate (09/2012-03/2020), Lifeguarding/CPR-C (05/2014-06/2017)

University Involvement Green Light Mentorship (07/2021-Present)

Community Involvement Church Lector (05/2018-06/2020), Camp Councillor (04/2017-03/2020)

High School Involvement Senior Drumline (09/2016-06/2020), Senior Concert Band (09/2017-06/2020), Prefect (05/2019-06/2020), Ambassador (05/2019-06/2020)

SKILLS

Programming Languages Python, Java, HTML/CSS/JavaScript, Swift, LaTeX

Technical Skills Google Workspace, Microsoft Office, iWork, Final Cut Pro X, Adobe Photoshop

AWARDS & HONOURS

Academic Achievements Basilian Book Award Recipient (07/2020); *Summa Cum Laude* Graduate (07/2020); Basilian STEM Award Recipient (10/2020); St. Thomas More Society Award Recipient (07/2016-07/2020); Introduction to Programming in Swift 5 Certification (05/2021)

Extracurricular Achievements Royal Conservatory of Music Level 8 Piano with Honours (08/2019); Shotokan Karate First Degree Black Belt (05/2017); 3x Canadian Drumline Association Premier Class Provincial Champion (06/2017 - 06/2019)