## Monkey

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**SKILLS**

* Extensive experience with **C++, Java, Python, HTML, CSS, SASS, JavaScript, AutoCAD, SOLIDWORKS, Microcontroller Programming, Linux, SQL, and Circuit analysis** from extensive project experience
* Outstanding critical thinking skills developed through participation in math and computer science contests
* Elevated levels of discipline, and aptitude for learning built through self-study for many tests.
* Exams include: The SAT (**99th percentile** score), AP Calculus AB & BC, and AP Computer Science A (**scores of 5**)
* Excellent collaborator and communicator through experience on a variety of teams in professional workspaces

**EXPERIENCE**

**Math Tutor** Aug. 2021 – Aug. 2022

Eye Level Learning Center/Megamind Learning Centre| Mississauga, ON

* Accelerated learning for students in grades 1-11 by leading them through math and science curriculum in their upcoming school year
* Communicated with coworkers to develop personalized curriculum for various students through assessment of their strengths and weaknesses
* Recorded hours and attendance for 10+ students over the course of 2 months with extreme precision using Microsoft Excel to keep track of student attendance records

**Robotics Club** Sept. 2018 – June 2022

The Woodlands Secondary School | Mississauga, ON

* Spearheaded team building activities for groups of first-year members to develop their technical skills
* Studied the **WPILib Java framework** by reading and experimenting with existing robot code to better contribute to the team
* Built experience with SOLIDWORKS and AutoCAD through design workshops run by the team to better manufacture robot parts

**Volunteer** Sept. 2019 - Dec. 2021

The Story Garden Literacy Centre| Mississauga, ON

* Mentored seniors in the use of productivity technology like Gmail and the Microsoft Suite by walking them through setup to improve their quality of life in the modern world

**PROJECTS**

**Line Tracking Robot**

* Built line-tracking robot using Arduino Uno board and many electronics like resistors, IR sensors, and H-bridge motor controller
* Programmed the line-tracking algorithm in C++ for computer technologies class project
* Used soldering iron to create connections between motors and wires and cables to IR sensors

**Employee Management System**

* Created an extensive employee management system using the java programming language and the NetBeans IDE GUI development tool for computer science class summative project

**LC Transmitter Circuit**

* Built an RL transmitter circuit using and Arduino and various electronic components, wrote code for the Arduino to control the output signal using C++ for a physics personal project

**EDUCATION**

**Computer Engineering, University of Waterloo, Waterloo** Expected Graduation: Apr. 2027

* Enrolled in ECE 198 and ECE 150, which are a project design course and a programming fundamentals (C++) course respectively.