

KEYON JEROME



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[KEYONJEROME](https://github.com/KEYONJEROME)



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TECHNOLOGIES

HTML + CSS | Bootstrap 4

Dart & Flutter

Java & Python

OpenCV (Computer Vision)

Arduino (C/C++)

Angular 9 (TypeScript, JavaScript)

PHP & SQL

REFERENCES

Richard Reaume, ICT teacher
(rreaume@ldcsb.ca)

Daniel Floca, Software Developer
STEP Software
(dfloca4@gmail.com)

EXPERIENCE

SPARTAN ROBOTICS TEAM CAPTAIN

As of September 2018

Managed a team of 35-40 students for 2 years. Hosted educational outreach events to kids in our community, and taught robotics Java concepts to new programmers, all while raising \$6,000 in sponsorships for our team this year alone.

STEP SOFTWARE CO-OP

July 2019 | Developed Keyon's Journal from scratch and shadowed the workflow of real software developers.

MOTHER TERESA STUDENT COUNCIL MINISTER OF COMMUNICATIONS

As of September 2019

PRIVATE PYTHON TUTOR

As of October 2019

Tutoring Python to an eighth-grade student. Created bi-weekly lesson plans specifically tailored to my student's skills and needs.

EDUCATION

ONTARIO SECONDARY SCHOOL DEGREE GRADUATING JUNE 2020

Nominated for scholarships such as the Schulich Leader Award.

PROJECTS

FRC ROBOT 2018, 2019, 2020

Led the development and project management of ~100 pound FIRST Robotics Competition robots using Java. This has involved interfacing with industry-level sensors (encoders, gyroscopes, limit switches, beam-break sensors, etc.), motion profiling, and more.

KEYON'S JOURNAL

Leveraged PHP 7, MYSQL and Angular 8 on a Linux CPanel web server to create a fully functional journaling web app complete with user login and creation, password hashing, keyboard shortcuts, and an intuitively simple UI.

TEACHER'S PET (UOFT HACKS 2019)

In only 36 hours, using Microsoft Azure, Flutter, and Flask, my team and I built a computer vision system that detects when a student's hand is raised, and alerts the teacher via a cross-platform mobile app.