KEYON JEROME

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OBJECTIVE

To build an application, device, or website, to simplify people's lives, while enjoying the community of a hackathon.

TECHNOLOGIES

HTML + CSS

Java

Python

Git & GitHub

Bootstrap 4

OpenCV (Novice)

JavaFX

REFERENCES

Richard Reaume
(rreaume@ldcsb.ca)

EXPERIENCE

SPARTAN ROBOTICS TEAM CAPTAIN
As of September 2018 –
Teaching robotics Java concepts to new programmers, exploring robot electronics and physics, and managing a team of ~35 students.

VARIOUS COMMUNITY SERVICE
98+ community service hours

EDUCATION

ONTARIO SECONDARY SCHOOL DEGREE
GRADUATING JUNE 2020
- 90% average
- Relevant courses: AP Functions (MRC3UA), AP English (ENG3UA), Introduction to Computer Science (ICS4U)

NATIONAL LIFEGUARD CERTIFICATION
The Lifesaving Society | August 2018
- Canada's only nationally recognized lifeguard certification, and the only certificate recognized in Ontario for lifeguarding public swimming pools.
- Prerequisites met: Bronze Medallion, Bronze Cross, First Aid

PROJECTS

FRC ROBOT 2018 – ATLAS
Controlled a ~100 pound FIRST Robotics Competition robot using Java and the WPI library.
https://github.com/5288TheSpartans/PowerUp2018

OPENCV WITH THE JETSON TX1
Detected FIRST Robotics Competition cubes for 2018 matches using Python with the OpenCV library on a Jetson TX1 Development Board.
https://github.com/Keyon-Jerome/SpartanOpenCV-Jetson

SPARTAN EMAIL SENDER
Automated sponsorship email sending for robotics using the JavaMail API, and JavaFX as a GUI.
https://github.com/Keyon-Jerome/SpartanEmailSender

OVERDOSING ON SALT - WEBSITE
Created a website detailing the impacts of high salt intake in humans using Bootstrap 4 and Animista.css.
https://overdosingonsalt.ca