

WILLIAM QIN

Creator and Developer

I am a high school student with a passion for programming and working with technology! I am always eager to learn new things, take opportunities to grow, and tackle difficult problems.

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🌐 http://williamqin.com

🐙 WilliamLQin

in williamqin

EDUCATION

Enhanced Learning Program | Sep. 2017 - present
Ontario Secondary School Diploma

The Woodlands Secondary School
Mississauga, Ontario

SKILLS

Programming C#, Java, Python 3, JS, Arduino

Tools Unity, Visual Studio, Android Studio, Eclipse, Xcode, Git

Web HTML 5, CSS 3, Bootstrap, Firebase, jQuery

Libraries Google Cardboard, OpenCV, Leap Motion

EXPERIENCE

Assistant Developer | Jul. – Aug. 2017

Developed interfaces used to modify hardware behavior

Assembled parts for manufacturing electronic equipment, mainly wiring

Tested electronic equipment prior to shipment of goods to clients

D&R Electronics Co.
Bolton, Ontario

Programmer and Scouting Lead | Sep. 2015 – Sep. 2017

Collaborated with team members to program essential robot controls

Lead team scouting web app initiative and scouting during competitions

Contributed to team community involvement, winning District Chairman's Award at Ryerson University

FRC Team 1325
Mississauga, Ontario

PROJECTS

Vision Motion | Oct. 2017 - present

Motion sensor Android app that tracks motion and produces a graph

Built with Java, Android Studio, and OpenCV

Enriched learning in high school physics classrooms by providing measurement tool for lab experiments

THacks 2
Toronto, Ontario

Scouting Compiler | Jan. – May. 2017

Database for recording and viewing scouting information

Built with Firebase, JavaScript, HTML, CSS, and Bootstrap

Used extensively during FIRST Steamworks competitions for important insights on other teams

FRC Team 1325
Mississauga, Ontario

AWARDS & ACHIEVEMENTS

2017 **Honour Roll** | University of Waterloo CEMC Canadian Computing Competition Junior

2017 **1st Place in School, Honour Roll, and Certificate of Distinction** | CEMC Cayley Math Contest

2016 **1st Place Provincial Winner** | DECA Ontario - Business Services Operations Research Category