

# 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.

 [hello@williamqin.com](mailto:hello@williamqin.com)

 <http://williamqin.com>

 WilliamLQin

 williamqin

 williamqin

## EDUCATION

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

**The Woodlands Secondary School**  
Mississauga, Ontario

## SKILLS

**Programming** C#, Java, Python 3, JavaScript, Arduino  
**Tools** Unity, Visual Studio, Android Studio, Eclipse, Git  
**Web** HTML 5, CSS 3, Bootstrap, jQuery, Angular  
**Tech/APIs** Firebase, OpenCV, Google Cardboard, 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

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## AWARDS & ACHIEVEMENTS

2017 **Honour Roll** | University of Waterloo CEMC Canadian Computing Competition Junior  
2017 **1<sup>st</sup> Place in School, Honour Roll, and Certificate of Distinction** | CEMC Cayley Math Contest  
2016 **1<sup>st</sup> Place Provincial Winner** | DECA Ontario - Business Services Operations Research Category