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

🌐 http://williamqin.com

🐙 WilliamLQin

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EDUCATION

Enhanced Learning Program | Sep. 2017 - present   **The Woodlands Secondary School**
Ontario Secondary School Diploma   Mississauga, Ontario

SKILLS

Programming   C#, Java, Python 3, JavaScript, TypeScript
Tools   Unity, Visual Studio, Android Studio, Eclipse, Git
Web   HTML 5, CSS 3, Bootstrap, jQuery, Angular, Amazon Web Services (S3, CloudFront, Route 53)
Tech/APIs   Firebase, OpenCV, Google Cardboard, Leap Motion
Creative   Adobe Illustrator, Adobe After Effects

EXPERIENCE

Software Developer Intern | Jul. – Aug. 2017   **D&R Electronics Co.**
Automated lightboard message creation, saving time spent manually creating messages   Bolton, Ontario
Assembled parts for manufacturing electronic equipment, mainly wiring

Programmer and Scouting Lead | Sep. 2015 – Aug. 2017   **FRC Team 1325**
Collaborated with team members to program essential robot controls in Java   Mississauga, Ontario
Lead team scouting initiative, building a web app with Firebase, JavaScript, HTML, CSS, and Bootstrap
Scouting database used extensively during FIRST Steamworks competitions for important insights on other teams
Contributed to team community involvement, winning District Chairman's Award at Ryerson University

PROJECTS

Vision Motion | Oct. 2017 – Jan. 2018
Motion sensor Android app that tracks motion and produces a graph, built with Java, Android Studio, and OpenCV
Website deployed at visionmotion.tech and app launched on Google Play Store with 22 installs
Enriched learning in high school physics classrooms by providing measurement tool for lab experiments

Talk 2 Control | Dec. 2017
Voice activated keyboard input web application built with Flask Python back-end, JavaScript, HTML, and CSS
Used to seamlessly control presentations with just the voice of the presenter
1st Place winner at Local Hack Day at Shopify Toronto

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