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
in williamqin
D williamqin

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, Adobe Illustrator & After Effects
Web HTML 5, Markdown, CSS 3, Bootstrap 4, jQuery, Angular, Jekyll (Ruby)
Amazon Web Services (S3, CloudFront, Route 53, IoT, Lambda)
Tech/APIs Firebase, OpenCV, Google Cardboard, Leap Motion, Amazon Alexa

EXPERIENCE

Software Developer Intern | Jul. – Aug. 2017   **D&R Electronics Co.**
Automated lightboard message creation by creating a Windows application in C#   Bolton, Ontario
Message creator saved time spent manually creating messages – up to an hour per message
Assembled parts for manufacturing electronic equipment, mainly wiring

Programmer and Scouting Lead | Sep. 2015 – present   **FRC Team 4308**
Collaborated with team members to program essential robot controls in Java   *Team 1325 (2015 –2017)*
Lead team scouting initiative, building a web app with Firebase, JavaScript, HTML, and CSS   Mississauga, Ontario
Scouting database used extensively during FIRST Robotics competitions to make key decisions
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
Enriched learning in high school physics classrooms by providing measurement tool for lab experiments
Website deployed at visionmotion.tech and app launched on Google Play Store with 46 total installs

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

AWARDS & ACHIEVEMENTS

2018 **Honour Roll |** University of Waterloo CEMC Canadian Computing Competition Senior
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