

Kevin Huang

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[Kevin Huang](#)
[Ynng.ca](#)



Grade 12 student at Unionville High School, Game Developer, Robotics Programmer. Passionate for anything technical, I am always looking for more ways to expand my skillset and broaden my experiences.

Education

SEPTEMBER 2017 – PRESENT

Unionville High School /Ontario High School Diploma

- >98% on all Grade 12 computer science and math subjects

Experiences

DECEMBER 2020 - PRESENT

Shredder /Founder & Program Lead

- Developing a new dungeon crawler style game
- Teaching employees Unity

SEPTEMBER 2020 – JANUARY 2021

SV Robotics Academy /Software Developer

- Developed an at-home education streaming app with React Native
- Created a 9 week react and firebase course targeting high school students

2019 – PRESENT

VRC Team 81208X | Leroi Robotics /Programming Lead

- **World Champion** as of February 14, 2021
- Winner of “Think Award” in Toronto and “Create Award” in Ontario

2019 – PRESENT

FRC Team 7721 | UHS Robotics /President & Programming Lead

- Implemented control systems with WPILib and vision system with OpenCV for FRC
- Taught Java and Control Theory both in-person and online
- Organized school-wide virtual robotics competition

2019 – PRESENT

UHS Computer Science Club /President & Founder

- Organized meetings and taught members Game Development using C# and Unity

APRIL 2019 - PRESENT

University of Toronto /Volunteer Researcher

- Volunteered at the Dynamic Graphics Project Lab
- Developed VR model viewer utility using OpenVR, OpenGL, and libigl

Projects

2020 AUGUST - PRESENT

Unionville HS /Discord Community & Bot

- Largest group chat in school with over 500 members
- Organized team of volunteers to provides announcements, opportunities, post-secondary Q&A, and fun events
- Created Discord Bot to auto-generate class and interest chat channels based on popularity

2020 MAY

Fixate /Semantics based website blocker

- Chrome extension that blocks website based on self-described "area of work"
- Allows productive content from distracting sites
- TensorFlow, Google Cloud and Python for backend

2020 MARCH – 2020 AUGUST

UHS Robotics /Website

- Adaptive website for promoting the UHS robotics club
- Uses bootstrap, UIKit and vanilla JavaScript

Awards & Certifications

2020

Toronto VEX Event /Think Award

- The best award available for programming
- "Given to a team with an autonomous program that is high-scoring, consistent and effective."

2019&2020

Unionville High School /3D visualization and VR subject award

- "Given to the top student in each grade 12 subject area, chosen by the department."
- 100% marks received on the VR Game final project. Open-sourced [here](#)

2017

Lifesaving Society Ontario /Bronze Medallion

- "The Bronze Medallion is the second step towards the lifeguarding certification in Canada."

Skills

- | | | |
|------------------------|-------------------|-----------------|
| • Project Management | • Self-Motivated | • Leadership |
| • English and Mandarin | • Problem Solving | • Fast Learning |

Technologies

- | | |
|---|--|
| • Proficient: <ul style="list-style-type: none">○ C++, Java, JavaScript, React, HTML, CSS | • Creative: <ul style="list-style-type: none">○ Maya, Cinema 4D, Photoshop, After Effect |
| • Intermediate: <ul style="list-style-type: none">○ C#, Python, Unity, Android App | • Other: <ul style="list-style-type: none">○ Linux, Networking, IT Maintenance |