

Winston Zhao

Grade 12 student at Unionville High School,
UI/UX Designer & Web Developer.

📍 Markham Ontario

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Experiences

- **UHS Interface – Club Lead** June 2023 – Present
Founder and co-leader of a new user interface design club at Unionville High School, teaching students the basics of user interface design.
- **UHS Robotics – Media Lead** November 2022 – Present
Creating media and branding for Unionville High School's robotics team. Formerly taught C++ to students for programming robots.
- **Student Scout Lead – 1st Unionville Pack Scouts** July 2022 – August 2023
Helped run educational and fun programs and activities for kids aged 8-10.
- **VRC Team 25K – Founder & Captain** May 2022 – May 2023
I founded Vex Robotics Competition Team 25K and as a team of 8 we competed in the 2022-2023 Vex Robotics Competition season, Spin Up. We had a successful season with high ranks and three awards.
- **City of Markham – Program Leader Volunteer** August 2022 – December 2022
I volunteered with the City of Markham at the Markham Museum as well as special events.
- **VRC Team 3150A – Programmer & Robot Design** February 2022 – May 2022
Programmed and designed the Provincial Championship 2022 winning robot and made it to round of 16 at Vex Worlds 2022.
- **VRC Team 839A & 839Z – Head Programmer** August 2019 – February 2022
Wrote and managed libraries of C++ robotics code and pushed the utilisation of Microsoft 365 collaboration products. Completed three successful seasons with 839Z and 839A.
- **Youth Programming – Volunteer Instructor** December 2020 – February 2021
Volunteered weekly and taught youth from the GTA the basics of programming, such as loops, functions, and sensing using Scratch.

Selected Projects

- **Personal Portfolio Website** August 2022 – July 2023
Designed and built a revamped personal portfolio website, with a clean and sustainable design. Check it out at <https://winstonzhao.ca>.
- **The Drive Team Podcast & Website** October 2022 – Present
Started a fun podcast with Evelyn Wong, The Drive Team. We talk with members of the competitive robotics community about their journey and experiences. <https://thedriveteam.ca>.
- **Elapse VRC App Project** July 2020 – Present
Contributing and maintaining the Elapse VRC app open-source project. This app aims to provide a better experience of the schedule of tournaments for VEX Robotics competitors.

- Team 25K Website** June 2022 – October 2022
 Designed and built a new website for VRC Team 25K, <https://25k.team>. Collaborated with Anita Du.
 - Team 839 Website** December 2020 – February 2022
 Designing, developing, and maintained the Team 839 Website, <https://www.839.team>. This website was created using the Bootstrap framework, with HTML, CSS, jQuery, and JavaScript.
 - Controller Deskmats** August 2020 – December 2020
 Designed a game controller themed Deskmats and sold it as a group buy with TheKey.Company.
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Achievements

- AliceHacks – Best Design Hack** November 2023
 Received **Best Design Hack** from AliceHacks 2023 for [Hopper Hangout](#). This app allows you to plan hangouts with your friends and get suggestions for places everyone will like. Collaborated with Anita Du, Laison Tao, and Andrew Chu. [View on Devpost](#).
- Awwwards – Honors** September 2023
 Received **Honors** from Awwwards.com for my personal portfolio website, winstonzhao.ca. This website was completely custom designed and featured unique and stylish elements. [View on Awwwards](#).
- Skills Ontario Competition – Web Design and Development** May 2023
 Received **3rd place** bronze award in the field of Web Design and Development at the 2023 Skills Ontario Competition. Created a website for a fictional dog park using HTML, PHP, and CSS, featuring an attractive design with a database for park events with MySQL.
- VRC – Excellence Award** February 2023
 Team 25K received the best overall award, the **Excellence Award** at the iDesign Central Toronto qualifying tournament. This was a combination of robot performance, engineering notebook, and judging session presentation.
- Skills Ontario Competition – Web Design and Development** May 2022
 Received **2nd place** silver award in the field of Web Design and Development at the 2022 Skills Ontario Competition. Created a website for a fictional online bookstore using HTML, PHP, and CSS, featuring a MySQL database and admin system for updating and creating products on the main website page.
- VRC – Provincial Champion** February 2022
 Our Vex Robotics Competition team received the most prestigious award, **1st place** Ontario Tournament Champions at the 2022 Vex Ontario Provincial Championships.
- Skills Ontario Competition – Web Design and Development** May 2021
 Received **2nd place** silver award in the field of Web Design and Development at the 2021 Skills Ontario Competition. Created a website for a fictional online dog collar store using HTML, PHP, and CSS, featuring a MySQL database and admin system for updating and creating products on the website.
- VRC – Tournament Champion** January 2020
 Our VEX Robotics Competition team received the **1st place** Tournament Champions award at Appleby Competition.