

# ANDY ZHANG

andy.jy.zhang@gmail.com | (647) 787 4329 | <https://ca.linkedin.com/in/andyzhang12>

## PROFILE

Excellent academic background in problem solving, coding, and math. My passion is for computer science and technology. I find a deep sense of purpose in helping others and connecting with my community.

## EDUCATION

### Newmarket High School

Newmarket, ON

*Ontario Secondary School Diploma*

September 2021 - Present

- Achieved principal's honor roll in Grades 9, 10, and 11
- President of school's math club, speedcubing club, and computer science club
- Captain of the transition team

## WORK AND VOLUNTEER EXPERIENCES

### Future Tech Intern, *Nokia*

July 2024 - August 2024

- Developed Python performance tests for Nokia's Network Services Platform
- Utilized Locust, Kubernetes, and Grafana to create automatic performance tests of Nokia products
- Created Python scripts to collect data in real-time and report them for network performance metrics

### Code Sensei, *Code Ninjas*

June 2024 - Present

- Teach young kids coding and STEM skills
- Organize and coach local FLL robotics team

### Founder and President, *Create Your Ripples Inc.*

August 2023 - Present

- Lead a team of 11 volunteers to successfully finish a STEM training project with \$6,500 funding
- Organize collection events for used computers by collaborating with schools and community members
- Refurbish and donate 25 used computers to empower disadvantaged youth in the community
- Deliver 12 workshops to youth in need about computer refurbishment, coding, and web development

### Front-End Web Developer, *King West Home*

July 2023 - August 2023

- Participate in a team meetings to discuss the user-interface and future plans
- Design a working website for consumers, increasing website visits by 500%
- Set up a network server to manage company data and increase workplace efficiency and security

## AWARDS

**Lloyd Auckland Invitational Mathematics Workshop** *University of Waterloo*

June 2024

**NRG Hacks Fourth Place**, *York Region District School Board*

November 2023

**Shad Alumni**, *Shad UBC*

July 2023

**FLL Robotics Provincial Champion**, *FIRST Canada*

August 2020 - March 2022

**Math and Coding Contests**

September 2021 - Present

- USACO Silver Division and 2023 CCC Junior Honour Roll
- School Champion in the Pascal, Cayley, and Euclid contests organized by the University of Waterloo
- Honor Roll of Distinction for ranking in the top 1% in the American Mathematics Competition 12
- Silver Medalist in the 2023 Math League International Summer Challenge