Kevin Zhang

📞 647-998-2538 | ✉ kevindotzhang@gmail.com | 🔗 linkedin.com/in/kevindotzhang

EDUCATOR PROFILE

STEM educator and University of Waterloo Computer Science graduate with experience teaching coding, robotics-adjacent engineering, AI fundamentals, and design-focused computing to elementary through high school students. Known for project-based instruction, differentiated learning pathways, and portfolio-oriented outcomes suited to independent school environments.

TEACHING EXPERIENCE

Canadian STEM & AI Academy (CSAA)   Sept. 2024 – Present
STEM Instructor   *Toronto, ON*
- Teaching interdisciplinary courses in computer science and innovation (Python, Java, Roblox Studio Lua, AI fundamentals, prototyping, and 3D design concepts)
- Delivered project-based lessons with clear rubrics and checkpoints; supported students from beginner to advanced levels in the same cohort

Future-Labs.ca   Nov. 2024 – Present
Founder & Lead Educator   *Toronto, ON*
- Founded a portfolio-driven STEM program for grades 8–12 focused on building real projects aligned with student interests and post-secondary goals
- Performed diagnostic assessments and create individualized learning plans across Coding, Engineering, AI, 3D Design, and Game Design
- Designed workshop offerings introducing competitive robotics pathways (FRC and VEX EDR exposure) and engineering design process

Forest Hill Education   June 2023 – Jan. 2024
Algorithms & Coding Instructor (Small Group / 1-on-1)   *Toronto, ON*
- Taught programming fundamentals and algorithmic problem-solving to middle and high school students using scaffolded practice and guided discovery
- Supported student-led capstone projects (planning, code reviews, testing, refactoring) with emphasis on good habits and readable code
- Helped students develop structured approaches to problem solving (decomposition, patterns, complexity intuition)

Dr. X Academy   2019
STEM Workshop Teaching Assistant   *Toronto, ON*
- Assisted facilitation of hands-on STEM workshops; supported classroom logistics and guided students during build sessions
- Provided individual help during activities to keep learners on track and engaged

Private Tutor   2017 – Present
Mathematics & Computer Science Tutor   *Toronto, ON*
- Provide individualized tutoring from elementary through introductory university level in math and computing
- Adapt lessons to student learning styles; create targeted practice plans to address gaps and accelerate progress
- Mentor students on independent projects and academic readiness (study skills, time management, confidence-building)

French Tutor   Elementary School
French Language Tutor   *Toronto, ON*
- Supported foundational French reading, writing, and comprehension through structured practice and guided feedback

INSTRUCTIONAL STRENGTHS

Teaching: Project-Based Learning, Differentiated Instruction, Lesson Planning, Student Assessment, Rubrics, Classroom Facilitation

Student Outcomes: Portfolio Projects, Presentation Skills, Problem-Solving Routines, Debugging Mindset, Independent Learning Habits

Age Groups: Elementary, Middle School, High School, University (Grades 8–12 and University Focus)

EDUCATION

University of Waterloo   Waterloo, ON, Canada
Honours Bachelor of Computer Science — President's Scholarship   *Sept. 2020 – Dec. 2025*