

# Kevin Shen

(416) 838-0498 | [k44shen@uwaterloo.ca](mailto:k44shen@uwaterloo.ca) | [linkedin.com/in/kevinshen888](https://www.linkedin.com/in/kevinshen888)

## EDUCATION

### University of Waterloo

*Candidate for Bachelor of Applied Science in Chemical Engineering*

Waterloo, ON

*Expected June 2030*

- Team Member, Waterloo Rocketry (2025–Present)
- Member, United College Residence Council (2025–Present)

## AWARDS

### Avogadro Chemistry Exam

2024

*Top 1% Internationally (37.5/40; 101st worldwide, 38th in Canada)*

### SHAD Canada

2024

*Exceptional Demonstration Award for National Design Challenge*

### OFSSA Cross-Country – YRAA Team Silver

2022

*Contributed to team silver medal at the York Region Championships*

## EXPERIENCE

### Founder & Detailing Technician

May 2025 – Sept 2025

*KevCleans*

*Newmarket, ON*

- Launched a successful mobile auto detailing business, generating **\$2,000+** in revenue by creating a consistent step-by-step service process.
- Achieved a **90%+** repeat/referral rate through **30+ client bookings**, providing consistent quality service and client communication.
- Expanded reach to **100+ prospects** through **20,000+ user impressions** by designing and executing Instagram and local marketplace marketing campaigns.

### Propulsion Subteam Member

Sept 2025 – Present

*Waterloo Rocketry*

*Waterloo, ON*

- Designed **custom** valve-adapter parts and mounting interfaces in SolidWorks for the propulsion subassembly.
- Helped set up and execute cold-flow tests (system plumbing, instrumentation, and data logging) to validate propellant feed and valve behaviour.
- Gained hands-on experience with the team's propulsion systems through direct involvement in assembly, maintenance, and test preparation.

### Land Surveyor Assistant

Feb 2024 – June 2025

*Delph & Jenkins Surveyors*

*Aurora, ON*

- Processed **100+ survey and legal documents** by scanning, labeling, and archiving field notes and reference plans to maintain organized records.
- Produced **10+ CAD drawings** and grading plans by drafting in AutoCAD, contributing to subdivision planning and design submissions.
- Reduced revision cycles by verifying property boundaries against legal descriptions before final submission.

### Math Instructor

Aug 2024 – June 2025

*Mathnasium Learning Centre*

*Aurora, ON*

- Delivered individualized instruction to **50+ students weekly** by tailoring lesson plans to different learning styles.
- Increased problem-solving accuracy and confidence by breaking complex concepts into clear, step-by-step strategies and adjusting pacing from tracked progress.

## SKILLS

**Technical:** SolidWorks, Excel/Word, AutoCAD, Fusion 360, CAD Drafting, Python, Java, HTML/CSS, Data Analysis  
**Soft Skills:** Project Planning, Communication, Client Relations, Leadership, Continuous Learning, Collaboration