

# LILY TAO

## SYSTEMS DESIGN ENGINEERING

### CONTACT

[lily.tao@uwaterloo.ca](mailto:lily.tao@uwaterloo.ca)  
[linkedin.com/in/lily-tao](https://www.linkedin.com/in/lily-tao)

### SKILLS

- C++
- AutoCAD
- SolidWorks
- Photoshop/Illustrator
- Microsoft Office

### AWARDS

#### DECA

- Buying and Merchandising
- **3rd Place** Internationals 2019
  - **1st Place** Provincials 2019

#### Deloitte Case Competition

- Technology Consulting
- **1st Place** University of Western Ontario 2019

#### Top 25% Euclid 2019

- International University of Waterloo  
Senior Math Competition

### EDUCATION

#### University of Waterloo

- Systems Design Engineering  
Class of 2024
- Related Courses: Digital Computation (C++), Introduction to Design

### INTERESTS/CLUBS

- Painting/Sketching/Art
- Trained in classical art since **age 7**
  - Created Snapchat geofilter for birthday parties
- Calligraphy
- **Commisioned** to write holiday cards, etc.
- Biomechatronics

### EXPERIENCE

#### Co-Founder

Ingenium Youth Toronto // 2018 - 2019

- Founded a registered not-for-profit that hosts monthly STEM events
- Led a team of 6 high school students to plan monthly interactive lessons
- Managed finances and logistics by securing a total of **\$2000 in sponsors** through pitches to local businesses and finding event venue

#### Director of Finance

Project Ethos Public Speaking // 2018 - 2019

- Distributed an 8 part public speaking workshop package to over **35 chapters** in North America, Europe, and Asia
- Ran public speaking workshops in nearby high schools

#### Math Teaching Assistant

Belief Learning Centre // 2018

- Curated a tutoring curriculum for grades 1-12 used by **two education centers** and over **10 teachers** combined
- Designed custom practice handouts, study guides, and assessments to evaluate and increase students' performance

#### Sales Associate

Hickory Farms LLP // 2017 - 2018

- **Increased** customer service through communication and understanding consumer needs
- Minimized wasted food product by consistently exceeding daily sales objectives

#### Real Estate Law Assistant

Dai Law Professional Corporation // 2017

- Increased daily efficiency by creating an **office wide client database** using data management software to streamline client intake and discharge
- Increased communication between law firms by receiving and sending legal documents

### VOLUNTEERING

#### Social Media and Marketing

Markham Key Club // 2018 - 2019

- Updated social media and website to raise awareness for homelessness in Toronto
- Gave out **100 winter care packs** to the homeless in downtown Toronto

#### Event Coordinator

Markham Youth Council // 2018 - 2019

- Planned community events that raised **\$2000** in support of Markham Stouffville Hospital