

## OBJECTIVES & SKILLS

Analytical, adaptable, and detail-oriented engineering student looking to gain experience and expertise in the workplace.

- Well-versed in orthographic drawings and GD&T
  - Proficiency with C++, Java, Python, HTML, and CSS
  - Experienced in MATLAB
  - Extensive knowledge of SolidWorks
  - Exceptional problem-solving and analytical skills
  - Collaborative and creative team player who is an enthusiastic learner
  - Ontario Tech University Rowing Team 2023, Markham Aquatic Club Swim Team 2016-2019
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## PROJECTS

### 3D Modeling

SolidWorks

- Constructed a 3D model of a Scissor Lift through SolidWorks
- Designed and dimensioned numerous parts for the model with a variety of different functions
- Utilized advanced mating tools to assemble model and restrict movement appropriately
- Exhibited exceptional group communication and collaborative skills
- Compiled the 8-week-long design process into a detailed, thorough, and analytical lab report

### Mechanical Design

Hexagon RGB LED Lights

- Designed, sourced materials, and prototyped panels of RGB LED lights connected to a breadboard
- Utilized rapid prototyping, including 3D printing
- Enhanced bread boarding skills
- Exhibited exceptional soldering skills

### Electrical Design

PCB Board LED Dice

- Constructed the circuit on a breadboard
  - Designed the PCB board
  - Soldered the components to the PCB board
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## EXPERIENCE

### Technician - Compudent Systems Inc, Maple, Ontario

May 2024 - September 2024

Performing onsite X-ray emitting device installations, network and hardware installations, data cabling installations, and computer assembly/load/configuration. Contract work: Authored a C++ program to convert tens of thousands of medical/dental image and patient records from the Apteryx XrayVision software to the Carestream Dental Imaging software, sorting files into various patient records and folders and managing critical date information.

### Lifeguard - City of Markham, Markham, Ontario

September 2022 - September 2023

Lifeguard for the City of Markham. Developed communication and teamwork skills through interacting with coworkers to ensure the safety of all customers. Excelled under stressful conditions involving drowning victims, and first aid.

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## EDUCATION

### Ontario Tech University, Oshawa, Ontario

September 2023- Present

GPA: 3.99

- Working towards a degree in Bachelor of Engineering in Mechatronics Engineering (Co-op) Graduating: 2028
- Recipient of Ontario Tech University President's Scholarship Fall Semester 2023
- Recipient of Ontario Tech University President's Scholarship Winter Semester 2024
- Recipient of Ontario Tech University President's Scholarship Fall Semester 2024