



THENUSHA SATSORUBAN

ELECTRICAL ENGINEERING STUDENT
UNIVERSITY OF WATERLOO '23

CONTACT ME

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SKILLS

- C++
- Java
- AutoCad
- PCB Design
- Photoshop
- Strong communicator
- Self-motivated
- Active learner
- Outstanding leadership
- Exceptional interpersonal skills

TECHNICAL EXPERIENCE

LASER ALARM SYSTEM

PERSONAL PROJECT | ARDUINO, C

- Built a light sensitive alarm system to challenge self to learn basic C and experiment with Arduino
- Alarm is activated when in dark environment and triggered when laser beam is disrupted

PHS ELECTRIC CAR CLUB

PICKERING H.S. | MACHINE SHOP, WELDING

- Assisted in planning and building of electric car to be entered in UW Electric Vehicle Challenge
- Played key role in welding components of vehicle's chassis together

WORK EXPERIENCE

CAMP COUNSELOR, ARTS INSTRUCTOR

CAMP RIVERWOOD | LEADERSHIP, COMMUNICATION

- Prepared crafts & supply kits on daily basis with focus on inventory and camper interests to maximize enjoyment
- Instructed children ages 3-14 on how to make various crafts, presented instructions in fun, engaging ways

ACADEMIC TUTOR

PICKERING H.S. | INTERPERSONAL SKILLS

- Broadened numeracy and literacy skills in students from grades 9-12 by providing tutoring sessions, created unique study plans to benefit each client resulting in +5% in final marks

EDUCATION

CANDIDATE FOR BACHELOR OF APPLIED SCIENCES ELECTRICAL ENGINEERING

UNIVERSITY OF WATERLOO | 2018 - 2023

VOLUNTEERISM

ACADEMIC REPRESENTATIVE CLASS OF '23

UNIVERSITY OF WATERLOO | LEADERSHIP, COMMUNICATION

- Serve as link between professors and the student body to improve the quality of education @ UW

YOUTH MENTOR

GIRLS INC. | LEADERSHIP, COMMUNICATION

- Organized workshops to increase STEM exposure in girls and encourage pursuit of related interests and careers