

Lech Kupinski

Objective

Seeking position for Sustainability/Energy Summer Student.

Highlights of Qualifications

- Major in Physics with a specialization in energy and the environment. Have done coursework on energy systems, energy management and environmental sustainability
- Strong problem solving skills developed from studying physics and mathematics
- Developed strong written and verbal skills from writing thesis report and presenting results to faculty
- Computational skills using different programs (python, matlab, C++) and proficiency in Microsoft Office Suite.

Education

- 2010–2014 **Bachelor of Science (Honours), Physics**, *University of Ontario Institute of Technology*, Oshawa, Ontario.
- Received Dean's List Honours designation (GPA between 3.5 - 3.79) in final year
 - Senior Thesis: researched and analyzed how optical parameters of amorphous silicon carbide material are affected by varying the ratio of hydrogen, silicon and carbon
 - Minor in mathematics, concentration in alternative energy systems
 - Related Courses: Mathematical Modelling, Statistics, Ordinary Differential Equations, Mathematical Physics

Work Experience

- 2014–Present **Math Tutor**, *Tutor Doctor*, Oakville, Ontario.
- Determined area student is struggling in his/her high school math and physics class. Worked on homework and sample tests with the student to help them improve their mark.
- 2013 **Plastic Recycling Technician**, *Toyota Tsusho*, Cambridge, Ontario.
- Organized large volume of recyclable material ready to be processed by separating metal and plastic components, completed the project three weeks ahead of schedule.
 - Operated industrial recycling machinery in a quick and efficient manner, the daily rate at which recyclable material was processed increased over the course of my employment.
- 2008–2011 **Reforestation Technician**, *Brinkman and Associates Reforestation LTD*, Prince George, BC.
- Prepared the ground and planted seedlings in reforestation areas across Canada including: British Columbia, Alberta and Ontario. Planted over 2000 trees per day while meeting quality standards.

Volunteer

- 2013–2014 **Social Media Coordinator**, *UOIT Physics Society*, Oshawa, Ontario.
- Developed the UOIT Physics Society with fellow students. As a result the society regularly holds guest lectures, sells UOIT Physics merchandise and holds tutoring sessions.
 - Created awareness of our group by developing a social media presence. Attendance numbers to Physics Society sponsored events increased over the course of my involvement with the society.
- 2002–2014 **Group Leader**, *The Polish Scouting and Guiding Association (ZHP)*, Burlington, Ontario.
- Taught children of Polish background proper sailing, canoeing and outdoor survival skills. Kids successfully completed assessments and earned badges under my leadership.