Eric Koehli

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🎓 Education

University of Toronto — 2017 – 2021
Honours Bachelor of Science (H.B.Sc.) — *Toronto, CA*
> Major: Computer Science
> Speciality: Computer Graphics

Lakehead University — 2012 – 2017
Honours Bachelor of Science (H.B.Sc.) — *Orillia, ON*
> Major: Psychology & Biology

◔ Experience

The Fields Institute For Research In Mathematical Sciences — July 2019 – Sept. 2019
Research Assistant — *Toronto, CA*
> Researched topics in Knot Theory including the Alexander-Conway, Bracket, Jones, and Homfly polynomials
> Presented knowledge and work assignments to supervising professor, Maria Grazia Viola (PhD)

The Fields Institute For Research In Mathematical Sciences — May 2017 – Sept. 2017
Research Assistant — *Toronto, CA*
> Studied topics in Wavelets and Fourier Analysis
> Met weekly with supervising professor Dr. Viola and presented knowledge during informal lectures on the blackboard

Tutor Doctor Simcoe County — May 2017 – Sept. 2017
Math & Physics Tutor — *Orillia, ON*
> Planned math and physics lessons for students on a range of different topics that the students found challenging
> Outlined general steps in the problem-solving process that helped students find the solution to certain problems
> When possible, found ways to communicate problems in a physical or geometric sense to help build intuition

Orillia Parks, Recreation and Culture — Summers 2008 – 2016
Tennis Instructor — *Orillia, ON*
> Taught groups of all ages from children to adults the skills required to play tennis
> Demonstrated technical aspects to correct errors and helped improve gameplay

Lakehead University — Feb. 2016 - May 2016
Science Tutor — *Orillia, ON*
> Helped students at a drop-in tutoring centre
> Assisted students by improving their learning strategies and promoted independent learning
> Rephrased and related concepts in a more digestible manner impromptu

⚙ Skills

Knowledge Programming, Data Structures, Algorithms, Mathematics, Simulations, Research, Artificial Intelligence

Tools & Technologies Rust, C/C++, Python, Javascript, LaTeX, Git, React.js, Pandas, scikit-learn, PyTorch

Interpersonal Skills Teamwork, Hard working, Problem solving, Organization