Shalev Lifshitz

AI Researcher & Entrepreneur

17 years old, Canadian, and striving to develop the future of technology. My goal is to spark the next wave of human innovation and help humanity reach a new evolutionary step.

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📱 (647) 571-7312

📍 Toronto, Canada

🌐 shalev.ca

in linkedin.com/in/shalev-lifshitz

github.com/Shalev-Lifshitz

SKILLS

Leadership   AI & ML

Creativity   Python

Entrepreneurship

Communication and Public Speaking

LANGUAGES

English
● ● ● ● ●

Hebrew
● ● ● ● ●

Latin
● ● ● ○ ○

INTERESTS

AI   Neuroscience

General Relativity

Latin   Reading

Ancient Greek and Roman Civilization

Ensuring a Positive Future for Humanity

WORK EXPERIENCE

Researcher
University of Waterloo - Kimia Lab ⬈

09/2018 – Present   *Waterloo, Ontario*

Designing and implementing new Artificial Neural Networks that behave more like the human brain while developing a new image search technique that expedites the cancer diagnosis process and increases diagnoses accuracy.

Contact: Proff. Hamid R. Tizhoosh - Director

Researcher
SickKids Hospital - Goldenberg Lab ⬈

06/2018 – Present   *Toronto, Ontario*

Creating generalizable computer vision software to expedite diagnostic and drug discovery processes.

Contact: Dr. Anna Goldenberg - Principle Investigator

In the LOOP Co-founder & Project Lead
St. Joseph's Hospital ⬈

11/2018 – Present   *Hamilton, Ontario*

Designing and implementing a new system to help track, assist, and collect metrics from stay-at-home patients and their caregivers.

Contact: Sarrah Lal - Assistant Professor at McMaster University

PUBLICATIONS

Subtractive Perceptrons for Learning Images: A Preliminary Report (09/2019)
In this preliminary work, we define the subtractive Perceptron (s-Perceptron), a graph-based neural network that delivers a more compact topology to learn one specific task.

PORTFOLIO

Please visit my website at shalev.ca for my portfolio. ⬈

EDUCATION

High School
Northern Secondary School

2016 – Present   *Grade 12, GPA: 4.00, Honor roll student*

University and Online Courses
University of Toronto, MIT OpenCourseWare, Coursera, Udacity

2018 – Present

Courses

- Linear Algebra
- Statistics
- ML and Data Mining - CSC 411 (U of T)
- Single and Multivariable Calculus
- Deep Learning with PyTorch - Facebook AI
- Data Science in Genomics Workshop

AWARDS & ACHIEVEMENTS

Awards for Business, Academic Excellence, and Student Involvement at Northern Secondary School

Winning Pitch at the McMaster University Fall 2018 Innovation Sprint

Best Startup at SAGE Canada