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
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Hebrew
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Latin
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INTERESTS

AI · Neuroscience

General Relativity

Latin · Causality

Ancient Greek and Roman Civilization

Ensuring a Positive Future for Humanity

WORK EXPERIENCE

Researcher
University of Waterloo - Kimia Lab ↗

09/2018 – Present   *Waterloo, Ontario*
Developing new image search techniques to improve cancer diagnosis. Designed and implemented new Artificial Neural Networks to better abstract the behaviour of a human brain (paper publication).
Contact: Proff. Hamid R. Tizhoosh - Director

Machine Learning Developer
Claronav

01/2020 – Present   *Toronto, Ontario*
Creating AI software to improve surgical navigation.

Researcher
SickKids Hospital - Goldenberg Lab ↗

06/2018 – 12/2019   *Toronto, Ontario*
Creating computer vision software to expedite diagnostic and drug discovery processes.
Contact: Dr. Anna Goldenberg - Principle Investigator

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 – 2020   *GPA: 4.00*

Self-Education
University of Toronto, MIT OpenCourseWare, Coursera, Udacity

2018 – Present
Some courses and textbooks

- Linear Algebra - Strang Textbook
- Deep Learning - Goodfellow Textbook
- Bayesian Networks - Fenton Textbook
- Deep Learning with PyTorch - Facebook AI
- ML and Data Mining - CSC 411 (U of T)
- 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