# ELAD HOFFER

## PERSONAL INFORMATION

*Born in Israel,* 11 October 1986

*email*     elad.hoffer@gmail.com

*website*   http://www.DeepLearning.co.il

*phone*     (M)054-4228891

## PROFESSIONAL INTERESTS

Machine Learning, Deep Learning, Computer Vision, Signal Processing

## WORK EXPERIENCE

*2013–Present*     Visual Algorithms and Neural Networks, CVG

Intel

Researching and developing Deep Learning capabilities for computer-vision tasks. Part of the Algorithms team in Intel's Computer-Vision Group.

*2011-2013*        Emulation student, NETWORK DIVISION

Intel

Created FPGA prototypes and automation scripts for emulation of network devices.

*2005-2009*        Commanding Officer , ARTILLERY CORPS

IDF

Rank:   *Captain (Reserve duty)*
Served as a battery commander (artillery), leading 90 soldiers.
Currently serves on active reserve duty.

## EDUCATION

*2014-Present*     Technion, Israel Institute of Technology

MSc Electrical
Engineering

Research: *Deep Learning of Representations*
Description: My research explores the machine learning technique known as "Deep Learning" which uses artificial neural networks to learn useful data representations.
Advisor: Prof. Nir Ailon

*2010-2014*        Technion, Israel Institute of Technology

BSc Electrical
Engineering

GPA: 90   ·   *Cum Laude*
Specialized in Computer Engineering, Signal Processing.
Final Project: Real-Time Movie Subtitles Extraction - using image processing and computer-vision techniques.

*2004*             High-school "Itzhak Rabin", Gan-Yavne

*Graduated with honors*
Studied Computer Science and Physics
Final Project: Handwriting Recognition.

## COMPUTER SKILLS

*Programming*  C++, Matlab , Lua ,python, Perl, Erlang, Verilog

*Environments*  Linux, Microsoft Windows, Microsoft Office

*Other*  Torch ML-library, Open-CV, LaTeX, FPGA synt. (Altera, Xilinx)

## OTHER INFORMATION

*Awards*  2010-2013 · Dean's honor list - Technion Electrical Engineering Dept.

*Languages*  Hebrew · Native

English · Fluent

May 25, 2014