

Felix Kreuk

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Education	Bar-Ilan University 2016-2018 MSc, Computer-Science. ◊ Fields: Machine-Learning, Deep-Learning. ◊ Current GPA: 98.
	Bar-Ilan University 2013-2016 BSc, Computer-Science, Summa Cum Laude. ◊ GPA: 92. ◊ Qualified for direct course to MSc.
Awards	Certificate of Excellence Bar-Ilan University, 2014 Faculty of exact sciences.
Publications	Felix Kreuk , Assi Barak, Shir Aviv-Reuven, Moran Baruch, Benny Pinkas and Joseph Keshet, Adversarial Examples on Discrete Sequences for Beating Whole-Binary Malware Detection <i>arXiv preprint arXiv:1802.04528</i> , 2018 Felix Kreuk , Yossi Adi, Moustapha Cisse and Joseph Keshet, Fooling End-to-End Speaker Verification With Adversarial Examples <i>The 43rd IEEE International Conference in Acoustic, Speech and Signal Processing (ICASSP)</i> , Alberta, Calgary, Canada, 2018.
Teaching	Intro to machine-learning , teaching assistant, Bar-Ilan University. Deep-learning in vision lab sessions , teaching assistant, College of Management Academic Studies.
Experience	Checkpoint Technologies <i>Software Developer</i> ◊ Python & Java back-end development. ◊ Design and development of a malware-lab sandbox environment. Prime-Minister's Office <i>Field Operative</i> ◊ Creative thinking & Team work. ◊ Planning of operations and development of dedicated tools.
Skills	Python (NumPy, PyTorch, DyNet), Java, C++, C.
Projects	A Distributed System for Training Kernel-based Classifiers on Large Amount of Data Undergraduate Project

Developed as undergraduate project under Joseph Keshet's supervision. A distributed kernel-based learning algorithm implementing the random features kernel (by Ali Rahimi).

CPider

Exploit-kit detection using ML

Developed during a Checkpoint hackathon, an unorthodox defence using a web crawler and machine learning in order to identify new exploits on the web. Won 2nd place.

Languages

Hebrew (native), English (advanced), Russian (advanced).