YOSEF (YOSSI) GANDELSMAN

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EXPERIENCE

GOOGLE, Tel-Aviv, Israel

R&D Engineer, Perception Team, Google Research *July 2019 - Today*

· Proposed, designed, and implemented deep learning and computer vision algorithms for various projects.
· Developed tools for machine learning explainability, fairness, and neural-networks exploration.

IDF INTELLIGENCE UNIT 8200, TECHNOLOGICAL DIVISION, Tel-Aviv, Israel

Vulnerabilities Researcher *July 2017 - April 2019*

Team Leader, Cyber Security Research *March 2016 - July 2017*

· Led a team of five researchers in the fields of automated static and dynamic code analysis.
· Guided the development of software products based on the research work conducted.

Cyber Security Algorithms Researcher *August 2014 - October 2015*

· Developed research methods for static and dynamic code analysis.

THE NEGEV, San Francisco, USA

Full Stack Intern *July 2013 - October 2013*

· Built JavaScript, NodeJS, and Python code during a 3 months long internship in a start-up developing a real-estate management application.

EDUCATION

Weizmann Institute, Rehovot, Israel *2016-2019*

M.Sc. in Computer Science (GPA: 96)

Thesis Title: Unsupervised Image Decomposition via Coupled Deep-Image-Priors

Thesis Advisor: Prof. Michal Irani

Open University, Raanana, Israel *2010-2013*

B.Sc. in Computer Science (GPA: 96)

Graduated summa cum laude

Rector Prize 2010, Rector Prize 2011, Dean Prize 2012, Dean Prize 2013

Accomplished in parallel to high-school graduation

PUBLICATIONS

Y. Gandelsman, A. Shocher and M. Irani, "Double-DIP": Unsupervised Image Decomposition via Coupled Deep-Image-Priors, 2018, CVPR 2019 (oral presentation).

A. Shocher*, Y. Gandelsman*, I. Mosseri, M. Yarom, M. Irani, W. T. Freeman and T. Dekel, Semantic Pyramid for Image Generation, 2019, CVPR 2020 (oral presentation).

MILITARY TRAINING

IDF Officers Course   *2016*

'AHAM' Course   *2014*

Exclusive military course of the Israeli elite technological intelligence unit 8200.
Graduated a track training 15 cadets every year to conduct research in the fields of Mathematics and Computer Science.

ADDITIONAL INFORMATION

Languages   Fluent in Hebrew, English and Russian