

Dean Zadok

Graduate student at the Technion's CS department, with 3 years of experience in research of machine learning and robotics applications. Have very strong skills in taking ideas from scratch and apply them, with auto-dictation capabilities and a great work ethic.

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ACADEMIC PUBLICATIONS

Explorations and Lessons Learned in Building an Autonomous Formula SAE Car from Simulations — SIMULTECH 2019

<https://arxiv.org/abs/1905.05940>. Published as a conference paper and won the best poster award in SIMULTECH 2019. Won the Technion Computer Science department's 2019 excellent project competition.

Beholder-GAN: Generation and Beautification of Facial Images with Conditioning on Their Beauty Level — ICIP 2019

<https://arxiv.org/abs/1902.02593>. Published as a conference paper in ICIP 2019, won the best undergraduate project in IMVC 2019, participating in the Technion Computer Science department's 2021 excellent project competition.

Modeling Affect-based Intrinsic Rewards for Exploration and Learning — ICRA 2021

<https://arxiv.org/abs/1912.00403>. Published as a conference paper in ICRA 2021, and presented in the Machine Learning for Autonomous Driving workshop in NeurIPS 2020.

PROFESSIONAL EXPERIENCE

Microsoft Research, WA — Research Intern

2019

Discovering new opportunities using affect-based driven approaches in autonomous driving.

Rafael, Israel — R&D Student

2018 - 2019

Research and design of deep learning algorithms, Implementation of deep learning-based products using dockers.

ClickTale, Israel — IT Corporate Engineer

2014 - 2015

Corporate servers, networking and security systems management (Cisco and Checkpoint environments), developing software applications for automation.

Military Service, Israel — Networking Team Leader

2011 - 2014

Managing servers and networking environment, developing software applications for automation. CCNA authorization (networking authorization by CISCO). Release as a staff sergeant.

EDUCATION

Technion, Israel — MSc in Computer Science

2020 - Today

GPA 96.8/100.

Technion, Israel — BSc in Computer Science

2015 - 2019

GPA 87.0/100, Dean's list three times.

TECHNICAL KNOWLEDGE

Experience in ML and computational frameworks - TensorFlow, Pytorch, ONNX, and Caffe.

Python as a preferred programming language.

LANGUAGES

Hebrew – Mother's tongue

English – Excellent