

Letter of Recommendation – Ilya Kotlov

I, Matan Jacoby, a Senior Computer Vision & Software Engineer at Wonder Robotics nowadays and for the relevant period between Nov 21 and July 22 VISTA lab Engineer, worked with Ilya, which was employed for the role of a research assistant, on the project of the TASP program (Technion Autonomous Systems Program) "Imaging System for Autonomous Marine Vessels".

The main goal of this project was creating a sensor-fusion setup of real-sense and thermal 3D cameras, combining their data and using it for obstacles detection & tracking using machine learning methods.

Ilya played a key role in leading the majority aspects of this challenging effort using traditional classical CV methods along with novel methods such as deep neural networks.

During the next months from September 22 to December 22 Ilya approached me a few times for consultations and code reviews in his recent task of drone navigation with a Visual Odometry model (Deep Neural Network based). With few explanations he took the relevant part of my work, adapted, and applied it for the data collecting module he implemented.

Throughout the work, Ilya impressed me as an independent, versatile, fast learner and highly motivated engineer.

It was both a pleasure and a fruitful experience to supervise his work.

I highly recommend Ilya for research and development positions.

Matan Jacoby

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