Stanford

Orr Zohar

- Ph.D. Student in Electrical Engineering, admitted Autumn 2021
- Masters Student in Computer Science, admitted Autumn 2023
- Resume available Online

Bio

BIO

Orr Zohar, from Haifa, Israel, is pursuing a PhD in electrical engineering at Stanford School of Engineering. He graduated summa cum laude from the Technion with a bachelor's degree in chemical engineering and a master's degree in electrical engineering. Orr aspires to research, develop, and translate novel machine learning methods into the open surgical domain for applications such as AI-assisted surgery and surgical skill evaluation. Currently, developing novel learning methods in open-world learning and action quality evaluation at MARVL, advised by Prof. Serena Yeung.

Before coming to Stanford, he was a machine learning and algorithms engineer at proteanTecs and a junior researcher at the Technion's LNBD, where he developed soft electronic platforms that can heal, detect damage, and serve as multifunctional electronic skins. During his undergraduate degree, Orr worked as a visiting undergraduate researcher at the de la Zerda group, Stanford University, where he developed OCT image processing algorithms for improved molecular contrast and depth-of-field. Orr is a Bazan Group scholar and was awarded the Sieden family prize for his contributions to YBCO-based photon detectors' development.

HONORS AND AWARDS

- Knight Hennessy scholars fellowship, Knight Hennessy scholars (2021)
- Intuitive Surgical Best Poster at the SCIEN Industry Affiliates Meeting, SCIEN (2021)
- 1st place in the student's poster competition, The Wearable Devices for Medical Diagnosis conference (2019)
- The Norman and Barbra Sieden family prize for multi-disciplinary undergraduate student projects, The Norman and Barbra Sieden family foundation (2018)
- BAZAN Group Scholarship, Technion - Israel Institute of Technology (2018)

EDUCATION AND CERTIFICATIONS

- MEE, Technion - Israel Institute of Technology , Electrical engineering (2021)
- BSc, Technion - Israel Institute of Technology , Chemical engineering (2019)

LINKS

- website: https://orrzohar.github.io/

Research & Scholarship

LAB AFFILIATIONS

- Serena Yeung, MARVL (4/1/2022)