

## Contact

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## Top Skills

RStudio  
Medical Devices  
Research and Development (R&D)

## Languages

English (Full Professional)  
Hebrew (Native or Bilingual)

# Michael Yasharzadeh

B.Sc Biomedical Engineering | SolidWorks | 3D Printing | Matlab | Python | Signal processing | Arduino | Clinical Engineering | Medical Devices | priority-software  
Center District, Israel

## Summary

I am a graduate of Afeka College with a major in Medical Engineering in Physiological Systems, equipped with a strong academic foundation in biotechnology, biology, and biochemistry. My expertise extends to diverse areas, including 3D printing, modeling, hyperbaric medicine, and Arduino systems, showcasing a versatile skill set. As an active member of Afeka College's welfare committee for the past two years, I honed my interpersonal skills and collaborative abilities. Renowned for being goal-oriented and possessing natural leadership qualities, I bring analytical and strategic thinking to problem-solving scenarios, consistently delivering excellence and a steadfast commitment to quality performance in my previous positions.

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## Experience

Underwater Exploration Institute  
Research And Development Engineer  
July 2022 - Present (1 year 8 months)  
Haifa, Haifa District, Israel

Development and Research in the fields of medical devices: Respiration, Hyperbaric Medicine, Cognitive Indices, Database Analysis, Control Systems.

Self-Employed  
Private Tutor  
2019 - Present (5 years)  
Israel

I have created and taught my own lesson plans to help students. in math/physics/electronics.

Afeka Tel Aviv Academic College of Engineering  
Head Of Department  
August 2020 - April 2021 (9 months)

Israel

Israel Defense Forces

Prosecution Liaison

November 2014 - February 2018 (3 years 4 months)

Israel

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## Education

Afeka Tel Aviv Academic College of Engineering

master's degree, Biomedical/Medical Engineering · (January 2024 - June 2026)

Afeka Tel Aviv Academic College of Engineering

Bachelor of Science - BSc, Biomedical/Medical Engineering · (October 2019 - June 2023)