You are cordially invited to a Computational Genomics Seminar

Dr. Kfir Bar

Efi Arazi School of Computer Science, Reichman University

*"*Advancing Healthcare with Natural Language Processing*"*

Wednesday, December 18, 2024, at 11:15

School of Computer Science, Check Point Building, Room 420

**Abstract:** Natural Language Processing (NLP) is transforming medicine by enabling powerful tools to extract, analyze, and generate insights from both structured and unstructured medical data. This talk will explore the current applications and future potential of NLP in the medical domain, highlighting its role in enriching electronic medical records, improving diagnostic accuracy, and supporting clinical decision-making. Through examples like timeline extraction from doctor notes and mental health applications, we will discuss the challenges of handling medical data, and discuss innovative solutions for integrating NLP into healthcare practice.

Host: [Prof. Ron Shamir](mailto:rshamir@tau.ac.il), School of Computer Science, Tel Aviv University