

Assaf Magen

Graduate Research Assistant at the University of Maryland

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PROFILE

My research focus is in the realm of cancer and computational biology in general. I'm currently working on a large-scale identification of functional genomic interaction patterns underlying cancer progression with clinical significance on patient survival in across different cancer types. I'm interested in various fields in computer science including algorithms and computation theory, bioinformatics and scientific computing.

PROJECTS

LARGE-SCALE IDENTIFICATION OF FUNCTIONAL GENOMIC INTERACTIONS WITH CLINICAL SIGNIFICANCE IN CANCER

PAN-CANCER ANALYSIS REVEALS GENETIC FEATURES INVOLVED IN DETERMINING METASTATIC SITE PREFERENCE

MOLECULAR CLASSIFICATION OF CANCER

EXPERIENCE

GRADUATE RESEARCH & TEACHING ASSISTANT

University of Maryland, August 2014 - Present

GRADUATE RESEARCH & TEACHING ASSISTANT

Tel Aviv University, August 2012 - August 2014

EDUCATION

UNIVERSITY OF MARYLAND COLLEGE PARK

Doctor of Philosophy (PhD), Computer Science and Bioinformatics, 2014 - Present

COMPUTER SCIENCE AND MATHEMATICS, with distinction (9.1/10)

Bachelor of Science (B.Sc.), College of Management, 2008-2012

WORKSHOPS

International Conference on Systems Biology - Austria, 15th International Biennial Congress of the Metastasis Research Society - Germany, The Ninth Retreat of the Edmond J. Safra Center for Bioinformatics - Israel, Metabolic Modeling Seminars, Computational Biology Seminars.

CAUSES

Animal Welfare, Education, Environment, Health, Human Rights, Science and Technology, Arts and Culture.

REFERRALS

Will be provided upon request.