

# Aviv Yehezkel

## Personal

Live in Ramat - Gan , 22 years old

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## Education

2013 – Today : Ph.D student in Computer Science, The Technion.

GPA: 90 (25 completed points out of 42 required).

Supervisor: Prof. Reuven Cohen.

2010 – 2012 : B.Sc in Applied Mathematics, Bar-Ilan University.

GPA: 94 (GPA of 97 in the main course of study).

Summa Cum Laude. Gained during high school.

## Army Service

2013 – Today : Technologic research officer, Unit 8200 and Naval Intelligence.

## Employment

2013 – Today : Research assistant in the Computer Science department, The Technion.

2011 – 2012 : Grader in Math and Computer Science department, Bar-Ilan University.

## Publications

[1] R. Cohen and A. Yehezkel, Degree-based Attacks and Defense Strategies in Complex Networks, *Physical Review E*, 86(6) 066114 (2012).

[2] R. Cohen, L. Katzir and A. Yehezkel, A Unified Scheme for Generalizing Cardinality Estimators to Sum Aggregation, *Information Processing Letters*, 115(2) 336-342 (2014).

[3] R. Cohen, L. Katzir and A. Yehezkel, Providing a Stateless Virtual Network Device with Information about the Application Layer Load, submitted to *IEEE INFOCOM 2016*.

[4] R. Cohen, L. Katzir and A. Yehezkel, Cardinality Estimation Meets Good-Turing, submitted to *Big Data Research*.

## **Invited Talks**

[1] “Degree Based Attacks and Defense strategies in Complex Networks”, November 2012, Bar-Ilan University.

[2] “The Weighted Cardinality Estimation Problem”, June 2014, Technion.

## **Research**

2013 – Today : Computer Networks, Algorithms and applications for the estimation of sum aggregation in networks.

2011 – 2012 : Complex Networks, Degree based attacks and defense strategies in Complex Networks.