Amir Rubin | Computer-Science Phd. Student

Vered 46 – Matan – Israel

✆ +972 (544) 589 453   ●   ✉ amirubin87@gmail.com

Education

Ben-Gurion University	**Be'er-Sheva**
Computer-Science, Phd. Student,	*2016–present*
Advisor : Prof. Danny Hendler.	
Ben-Gurion University	**Be'er-Sheva**
Computer-Science, MSc, 95.85	*2015–2016*
Advisor : Prof. Danny Hendler.	
Ben-Gurion University	**Be'er-Sheva**
Computer-Science, BSc, 96.91	*2012–2015*

Master thesis

Title: *Community detection algorithms and their applications for malware detection*

Supervisor: Prof. Danny Hendler

Description: Revealing the community structure underlying complex networks is a key problem that is the focus of intense research. Community detection algorithms find many applications in the domain of cyber security. The focus of the research is to design community detection algorithms whose primary objective is to enable high-quality malware detection and to employ them for this purpose in various settings.

Experience

Microsoft R&D	**Hertzlia**
Applied Researcher Intern.	*2016–present*
Microsoft R&D	**Hertzlia**
Software Engineer Intern.	*2013–2016*

Publications

Yehonatan Cohen, Danny Hendler, and Amir Rubin. Node-centric detection of overlapping communities in social networks. In *2016 IEEE/ACM International Conference on Advances in Social*

Networks Analysis and Mining, ASONAM 2016, San Francisco, CA, USA, August 18-21, 2016, pages 1384–1385, 2016.

Yehonatan Cohen, Danny Hendler, and Amir Rubin. Node-centric detection of overlapping communities in social networks. In *Advances in Network Science - 13th International Conference and School, NetSci-X 2017, Tel-Aviv, Israel, January 16-18, 2017*, Lecture Notes in Computer Science. Springer, 2017.

Amir Rubin and Gera Weiss. Mapping prefer-opposite to prefer-one de bruijn sequences. *Designs, Codes and Cryptography*, pages 1–9, 12 2016.

Languages

Hebrew: Mother tongue.

English: As mother tongue.

Fun Facts

"Zachary's karate club CLUB"
Member of the club, Netsci-X   *2017*

Debate
Winner of the "Juniors IV 2016", Israel   *2016*

References

Academic

- Prof. Danny Hendler
- Dr. Gera Weiss