



Name: Igor Rochlin

Date: 1/2017

School of Computer Science

The College of Management Academic Studies

CURRICULUM VITAE

1. Personal Details

Cellular Phone: **0544670499**

Electronic Address: **igor.rochlin@gmail.com**

2. Higher Education

A. Undergraduate and Graduate Studies

2005 – 2009 **M.Sc. Computer Science (*Cum laude*), GPA: 91,**

Academic College of Tel-Aviv-Jaffa, Israel

Final Project: "Software Testing by Evolutionary Algorithms"

Advisor: Professor Boris Epstein

2001 – 2005 **B.A. Computer Science (*Cum laude*), GPA: 90,**

B. Doctoral Degree

2011 – 2015 **Ph.D. Computer Science**

Bar-Ilan University, Israel

3. Academic Ranks and Tenure in Institutes of Higher Education

Dates	Institution and Department	Rank/Position
2016-Today	School of Computer Science, College of Management Academic Studies	Senior Lecturer
2013-2016	School of Computer Science, College of Management Academic Studies	Lecturer
2011 – 2015	Bar-Ilan University	Adjunct Lecturer

4. Offices in Academic Administration

2015–Today: Head of the best student program, School of Computer Science, College of Management Academic Studies, Israel

2015–Today: Chair of the school's Colloquium, School of Computer Science, College of Management Academic Studies, Israel

5. Scholarly Positions and Activities outside the Institution

PC Member:

2016 International Joint Conference on Artificial Intelligence (IJCAI-16)

Reviewing:

2016 ACM Conference on Economics and Computation (EC'16)

2015 Artificial Intelligence Journal (AIJ-14)

2014 Web Intelligence and Agent Systems: An International Journal (WIAS-14)

2014 International Conference on Autonomous Agents and Multiagent Systems (AAMAS-14)

2013 International Conference on Autonomous Agents and Multiagent Systems (AAMAS-13)

2012 International Conference on Autonomous Agents and Multiagent Systems (AAMAS-12)

2011 First European Workshop on Multi-agent Systems (EUMAS)

6. Participation in Scholarly Conferences

Active Participation

Date	Name of Conference	Place	Subject of Lecture/Discussion	Role
February, 2016	9th Research Day	Rishon-Lezion, Israel	Efficiency and Fairness in Team Search with Self-Interested Agents	Speaker
May, 2014	International Joint Conference on Autonomous Agents and Multiagent Systems (AAMAS 2014)	Paris, France	Constraining Information Sharing to Improve Cooperative Information Gathering	Speaker
January, 2014	Symposium of the Israeli association for Artificial Intelligence (IAAI-14)	Jerusalem, Israel	Constraining Information Sharing to Improve Cooperative Information Gathering	Speaker
July, 2013	Twenty-Seventh AAAI Conference on Artificial Intelligence (AAAI 2013)	Bellevue, Washington, USA	Information Sharing Under Costly Communication in Joint Exploration	Speaker
December, 2012	International Conference on Intelligent Agent Technology (IAT 2012)	Macau, China	Join Me with the Weakest Partner, Please	Speaker
August, 2012	20th European Conference on Artificial Intelligence (ECAI 2012)	Montpellier, France	Coordinated Exploration with a Shared Goal in Costly Environments	Speaker
August, 2011	International Conference on Intelligent Agent Technology (IAT 2011)	Lyon, France	Sequential Multilateral Search for a Common Goal	Speaker
June, 2011	11th Bar-Ilan Symposium on the Foundations of Artificial Intelligence (BISFAI-11)	Bar-Ilan, Israel	Sequential Multilateral Search for a Common Goal	Speaker

7. Invited Lectures\ Colloquium Talks

Date	Place of Lecture	Name of Forum	Presentation/Comments
March, 2014	Bar-Ilan University	Bar-Ilan Game Theory Seminar#	Joint Search with Self-Interested Agents and the Failure

8. Scholarships, Awards and Prizes

- 2016** Excellence in teaching, The College of Management Academic Studies, Israel.
- 2015** Wolf Foundation, to promote science and art for the benefit of mankind
- 2014** Jay Modi Best Student Paper, 13th International Conference on Autonomous Agents and Multiagent Systems (AAMAS-2014)
- 2014** AAMAS-2014 Student Scholarship, 13th International Conference on Autonomous Agents and Multiagent Systems
- 2013** AAAI-2013 Student Scholarship, Twenty-Seventh AAAI Conference on Artificial Intelligence
- 2012** ECCAI Awards 2012, ECAI 2012 - 20th European Conference on Artificial Intelligence, ECAI-2012 Student Scholarship
- 2011** Bar-Ilan University, Israel, President's Scholarship, 2011-2015
- 2011** HP, MVP employee award
- 1996** Mathematics competition open papers

9. Teaching

Courses Taught in Recent Years

Year	Course Name	Type: Lecture/Seminar/Workshop/ High Learn Course/Introduction	Degree
2013 – Present	Operation Systems	High Learn Course	BSc
2015 – Present	Web Application Development	High Learn Course	BSc
2015 – Present	Advanced Topics in Web Application Development	High Learn Course	BSc
2014 – Present	Object Oriented Programming	High Learn Course	BSc
2014	DataBase Systems	High Learn Course	BSc
2011 – 2015	Advanced Algorithmic Programming 1	High Learn Course	BSc
2011 – 2015	Advanced Algorithmic Programming 2	High Learn Course	BSc

10. Professional Experience

- 2008 – 2011** HP – R&D, Israel
Technical Manager of a server side development teams, entailing gathering requirements, design, technical management of development teams
-



Skills: WEB environments, Java 1.6 ,intellij ,Ant ,maven ,Oracle DB ,SQL ,
Web Services ,XML ,Reflection

2007 – 2008

Radware, Israel

Leading software programmer as part of a server side development
team

Skills: Java 1.5, Reflection, JAXB 2.0, SQL Oracle, XML, DOM, IDE–
eclipse, EJB 3, AOP ,jboss-4.2.0 ,maven-2.0.7 ,JUnit 4.0

2005 – 2007

Amdocs, Israel

Leading software programmer as part of a server side development
team

Skills: JSP, JAVA, SQL SERVER 2000 ,SQL Oracle, SQL PLUS

PUBLICATIONS

A. Ph.D. Dissertation

Topic: Costly Multi-Agent Exploration for a Common Goal

Topic: Financial decision making by individuals and firms

Approved: 2015

Language: English

Institute: Bar-Ilan University

Advisor: Professor David Sarne

Brief Synopsis: Developing optimal exploration strategies for multi-agent exploration for a common goal in which exploration is inherently costly and the performance of each agent is affected by the results of the exploration carried out by all of the other agents

B. Articles in Refereed Journals

1. I. Rochlin, Y. Aumann, D. Sarne and L. Golosman, “**Efficiency and Fairness in Team Search with Self-Interested Agents**”, *Autonomous Agents and Multi-Agent Systems (JAAMAS)*, 30(3): 526-552, 2016.
2. I. Rochlin and D. Sarne, “**Constraining Information Sharing to Improve Cooperative Information Gathering**”, *Journal of Artificial Intelligence Research (JAIR)*, 54: 437-469, 2015.
3. I. Rochlin, D. Sarne and M. Mash, “**Joint Exploration with Self-Interested Agents The Fallacies of Cooperation Enhancers**”, *Artificial Intelligence Journal (AIJ)*, pp. 45-65, 2014.
4. I. Rochlin and D. Sarne, “**Utilizing Costly Coordination in Multi-Agent Joint Exploration**”, *Multiagent and Grid Systems (MAGS)*, 10(1): 23-49, 2014.
5. I. Rochlin, D. Sarne and G. Zussman, “**Sequential Multi-Agent Exploration for a Common Goal**”, *Web Intelligence and Agent Systems: An International Journal (WIAS)* 11(3):221–244, 2013.

C. Articles in Conference Proceedings

1. I. Rochlin, D. Sarne, M. Bremer and B. Grynhaus, “**Nurturing Group-Beneficial Information-Gathering Behaviors Through Above-Threshold Criteria Setting**”, In proceedings of the Association for the Advancement of Artificial Intelligence (AAAI), to appear
2. I. Rochlin and D. Sarne, “**Constraining Information Sharing to Improve Cooperative Information Gathering**”, In proceedings of the International Joint Conference on Autonomous Agents and Multiagent Systems (AAMAS 2014), pp. 237-244, 2014. **(Best student paper award)**
3. I. Rochlin, Y. Aumann, D. Sarne and L. Golosman, “**Efficiency and Fairness in Team Search with**



The College of Management
Academic Studies

- Self-Interested Agents**", In proceedings of the International Joint Conference on Autonomous Agents and Multiagent Systems (**AAMAS 2014**), pp. 365-372, 2014.
4. I. Rochlin and D. Sarne, "**Information Sharing Under Costly Communication in Joint Exploration**", In proceedings of the Twenty-Seventh AAAI Conference on Artificial Intelligence (**AAAI 2013**), pp. 847-853, 2013.
 5. M. Mash, I. Rochlin and D. Sarne, "**Join Me with the Weakest Partner, Please**", In proceedings of the 2012 IEEE/WIC/ACM International Conference (**IAT 2012**), pp. 17-24, 2012.
 6. I. Rochlin, D. Sarne and M. Laifenfeld, "**Coordinated Exploration with a Shared Goal in Costly Environments**", In proceedings of the ECAI 2012 - 20th European Conference on Artificial Intelligence (**ECAI 2012**), pp. 690-695, 2012.
 7. I. Rochlin, D. Sarne and G. Zussman, "**Sequential Multilateral Search for a Common Goal**", In proceedings of the 2011 IEEE/WIC/ACM International Conference on Intelligent Agent Technology (**IAT 2011**), pp. 349-356, 2011.
-