

CURRICULUM VITAE**1. Personal Details**

Permanent Home Address: Sidkov 3c Hadera

Office Telephone Number: 09-8981052

Cellular Phone: 050-6828614

Electronic Address: rinazg@ruppin.ac.il

2. Higher Education**A. Undergraduate and Graduate Studies**

| Period of Study | Name of Institution and Department | Degree | Year of Approval of Degree |
|------------------------|---|---|-----------------------------------|
| 1999–2003 | VNIIFK, Tula University, Russia | PhD in Informatics and Education | 2003 |
| 1999–2002 | PhD research in CS Department, Ben-Gurion University of the Negev, Israel | | |
| 1995–1998 | Open University, Israel Mathematics and Computer Science (CS) Department | Bachelor in Mathematics and Computer Science (cum laude) | 1999 |

3. Academic Ranks and Tenure in Institutes of Higher Education

| Dates | Name of Institution and Department | Rank/Position |
|--------------|--|--------------------------------------|
| 2005–Present | Ruppin Academic Center, Industrial Engineering Department | Lecturer |
| 1999–2017 | Computer Science Department, Open University | Academic Coordinator— Compilation |

4. Offices in Academic Administration

| Dates | Name of Institution and Department | Rank/Position |
|--------------|---|--|
| 2019–Present | Ruppin Academic Center, Faculty of Engineering | Head of Software Disciplines |
| 2017–Present | Ruppin Academic Center | Head of Robotics-Oriented Youth Program |
| 2011–Present | Ruppin Academic Center, Faculty of Engineering | Head of Knowledge Engineering and Robotics Lab |
| 2012–2014 | Ruppin Academic Center, School of Economics & Business Administration | Head of Information System Program (<i>hitmahut</i>) |

5. Scholarly Positions and Activities Outside of Institutions

2022: Association for Computing Machinery's Special Interest Group on Computer Science Education SIGCSE TS 2023—Program Committee Member

2022: EUROCALL2022—Program Committee Member

2021–2022: European Cooperation in Science and Technology (COST) Action “NexPA—Next-Generation Intelligent Personal Assistants”—Evaluator, External Expert, A Role of Rapporteur

2021–2022: European Cooperation in Science and Technology (COST) Action “Technical and Human Aspects of AI for Secondary School Students (THAISS)”—Evaluator, External Expert

2021: Knowledge Management KM 2021—Program Committee Member

2021: Chais 2021 Conference—Management Committee Member

2021: International Conference on Cloud and Big Data Computing ICCBDC2021—Technical Program Committee Member

2021: Association for Computing Machinery's Special Interest Group on Computer Science Education SIGCSE TS 2022—Program Committee Member

2020: Chais 2020 Conference—Management Committee Member

2019–2023: European Cooperation in Science and Technology (COST) Action “Multi3Generation: Multi-task, Multilingual, Multi-modal Language Generation”

CA18231—Israel Management Committee Member

2019: *International Journal of Intelligent Information Systems*—Editorial Board Member

2019–2023: European Cooperation in Science and Technology (COST) Action “European Forum for Advanced Practices,” CA18136—Israel Management Committee Member

2018: Chais 2018 Conference—Management Committee Member

2017–2021: European Cooperation in Science and Technology (COST) Action “European Network for Combining Language Learning with Crowdsourcing Techniques” (enetCollect) CA16105—Israel Management Committee Member

2017–2021: European Cooperation in Science and Technology (COST) Action “Indoor living space improvement: Smart Habitat for the Elderly (SHELDon) CA16226—Israel Management Committee Substitute

2016–2020: European Cooperation in Science and Technology (COST) Action “Improving Applicability of Nature-Inspired Optimization by Joining Theory and Practice,” CA15140—Israel Management Committee Member

2016: Israeli Association of Engineers—Member of “Technologies for Aging Well” group

2013: Israel Association for Information Systems ILAIS 2013 Conference—Co-Chair

2004–2013: The Israeli Association for Artificial Intelligence—Member and Official

6. Participation in Scholarly Conferences

A. Active Participation – Local conferences

| Date | Conference Name | Conference Location | Subject of Lecture/Discussion | Role |
|------|-----------------------|-------------------------|---|-----------|
| 2023 | CHAISE2023 Conference | Open University, Israel | Capstone Project Importance in Early Childhood Robotics | Presenter |

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| 2020 | The 8th Kinneret Conference on Software Engineering | Kinneret College, Israel | Enhancing engineer skills via project-based learning in an “Engineering Skills and Thinking” course | Presenter |
| 2020 | The 8th Kinneret Conference on Software Engineering | Kinneret College, Israel | Enhancing engineer skills via project-based learning in an “Engineering Skills and Thinking” course | Presenter |
| 2019 | The 7th Kinneret Conference on Software Engineering | Kinneret College, Israel | Crowdsourcing and collective intelligence as a smart resource-gathering tool for SE courses | Presenter |
| 2018 | ILAIS, Conference | Shamoon College of Engineering, Ashdod, Israel | Sustain-all language learning | Presenter |
| 2018 | ILAIS, Conference | Shamoon College of Engineering, Ashdod, Israel | EnetCollect user model for intelligent gamification of crowdsourced language learning IS | Presenter |
| 2018 | 6th Kinneret Conference on Software Engineering | Kinneret College, Israel | Creativity via games in SE course | Presenter |
| 2017 | 5th Kinneret Conference on Software Engineering | Kinneret College, Israel | Robotics-based project-oriented SE | Presenter |
| 2017 | 6th Conference Initiative for Advancement of Higher Education | Braude College, Israel | Teaching robotics: a paradigm for immediate integration | Presenter |
| 2017 | ILAIS Conference | Bar-Ilan University, Israel | “From Casa De Bambini To Digital Playground” | Presenter |
| 2016 | 4th Kinneret Conference on Software Engineering | Kinneret College, Israel | Creativity for the software engineer: a novel organic paradigm with applications | Presenter |
| 2016 | ILAIS Conference | Ben-Gurion University, Israel | Dr. Meccano—Information system for kids | Presenter |
| 2015 | 5th Conference Initiative for Advancement of Higher Education | Braude College, Israel | Use of Lego in teaching object-oriented programming courses | Presenter and Panel chair |
| 2015 | Industrial Engineering Conference | Ruppin Academic Center, Israel | Challenges in teaching information security | Session organizer |
| 2015 | ILAIS Conference | Kiryat Ono College, Israel | ICT for education—an Organic Knowledge approach | Presenter |
| 2014 | Engineering Conference | Ruppin Academic Center, Israel | Challenges in the development of motion-based therapeutic activities for motoric and cognitive disabled children | Presenter |
| 2014 | Engineering Conference | Ruppin Academic Center, Israel | Challenges in the development of motion-based therapeutic activities for motoric and cognitive disabled children | Presenter |
| 2013 | ILAIS Conference | Ruppin Academic Center, Israel | Exploring user choices in game-based educational software for kindergarten children | Presenter and Co-chair, |

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| | | | | roundtable organizer |
| 2013 | ILAIS Conference | Ruppin Academic Center, Israel | Exploring user choices in game-based educational software for kindergarten children | Presenter and Co-chair, roundtable organizer |
| 2011 | 3rd Engineering Conference | Ruppin Academic Center, Israel | Formalization of therapeutic knowledge | Presenter and Roundtable organizer |
| 2011 | Haifa Verification Conference | Haifa University, Israel | 1. A new paradigm for IP-conscious Software Engineering 2. Maximizing IP in software engineering | Presenter |
| 2010 | 4th Conference Initiative for Advancement of Higher Education | Braude College, Israel | Integration between creative and critical thinking in computer science | Presenter |
| 2007 | 5th Annual Conference of MEITAL (The Inter-University Center for E-learning) | Holon, HIT, Israel | Automata and formal languages | Co-presenter |

Active Participation – International conferences

| Date | Conference Name | Conference Location | Title of Lecture/Discussion | Role |
|------|--|-----------------------------------|---|---|
| 2023 | SLATE2023 | Dublin, Ireland | ChatGPT + LARA = C-LARA | Presenter |
| 2023 | PL CALL2023, Sustainable CALL, Attainable CALL | Poland, Krakow | Learning with LARA (Learning and Reading Assistant) | Co-presenter |
| 2023 | eLex | Czech Republic, Brno | Annotating corpora for language learning and lexicography with the Crowdsourcing for Language Learning (CrowLL) game | Co-presenter |
| 2022 | Knowledge Management | Ljubljana, Slovenia | A methodology for creating user-generated educational materials via crowdsourced resource gathering | Presenter, Won Best Research Idea Award |
| 2022 | EUROCALL | Reykjavik, Iceland [Online] | Using LARA to create annotated manuscripts and inscriptions for museums: an initial feasibility study | Co-presenter |
| 2022 | EUROCALL | Reykjavik, Iceland [Online] | Easy as ABC: Using LARA to build multimedia alphabet books | Co-presenter |
| 2022 | EUROCALL | Reykjavik, Iceland [Online] | Using learner data from Duolingo to detect micro- and macroscopic granularity through machine learning methods to capture the language learning journey | Presenter |
| 2021 | Knowledge Management | Leipzig, Germany [Online] | Autonomous Educational Software for Learning Hebrew with Gamification and Crowdsourcing | Presenter |
| 2021 | eLex | Brno, Czech Republic, [Online] | Gamifying the Path to Corpus-Based Pedagogical Dictionaries | Co-presenter |

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| 2021 | EUROCALL | Paris, France, [Online] | Developing Pedagogically Appropriate Language Corpora through Crowdsourcing and Gamification | Presenter |
| 2021 | EURALEX | Greece, [Online] | Crowdsourcing Pedagogical Corpora for Lexicographical Purposes | Co-presenter |
| 2020 | enetCollect WG1 Meeting | Coimbra, Portugal | Gamification Elements in Educational Software for Learning Hebrew with Crowdsourcing | Presenter |
| 2020 | EFAP WG4 Meeting | Ghent, Belgium | EFAP Information Gathering Template—Design, Implementation, and Presentation | Presenter |
| 2019 | enetCollect, 3rd Annual Meeting | Instituto Superior Técnico, Lisbon, Portugal | Crowdsourcing Corpus Cleaning for Language Learning: An Approach Proposal (poster session) | Presenter |
| 2019 | World Congress of Engineering | London, UK | REX Paradigm for Robotic Expert Systems | Presenter |
| 2019 | EUROCALL | Louvain-la-Neuve, Belgium | Crowdsourcing Corpus Cleaning for Language Learning Resource Development | Presenter |
| 2019 | eLex | Sintra, Portugal | Corpus Filtering via Crowdsourcing for Developing a Learner's Dictionary | Co-author |
| 2019 | enetCollect WG1 workshop | Coimbra, Portugal | Preliminary Results of Crowdsourcing Corpus Experiment for Cleaning Language Learning Resource Development | Co-Presenter |
| 2019 | enetCollect 1st WG2/WG4/WG5 Meeting | Malta, Malta | Implicit Crowdsourcing Research and Informed Consent: Problem, Opportunity, or Both? | Presenter |
| 2019 | enetCollect WG3 & WG4 Hands-On Workshop | Trnava University, Slovakia | Educational Software for Learning Hebrew with Gamification and Crowdsourcing | Presenter |
| 2018 | enetCollect, 2nd Annual Meeting | Iasi, Romania | Issues of a Personalized and Gamified User Interface | Presenter |
| 2018 | enetCollect, 2nd Annual Meeting | Iasi, Romania | Teachers and Crowdsourcing: Survey Design | Presenter |
| 2018 | International Conference on Information and Education Innovations, ICIEI | London, UK | Educational Technology for Pre-K Digizens | Presenter |
| 2018 | World Congress of Engineering | London, UK | Child-Friendly Robotics | Presenter and Session chair |
| 2018 | 17th Language And Computation Day | Essex University, UK | Linguistics Apps Development for Second Language Learning | Presenter |

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| 2018 | enetCollect WG3/WG5 Meeting | Leiden, Netherlands | User Model For Intelligent Gamification Crowdsourcing Language Learning IS | Presenter |
| 2018 | enetCollect WG1 Workshop | University of Gothenburg, Sweden | Teachers' Willingness to Contribute to Resource Gathering in Language Learning | Presenter |
| 2017 | International Conference on Computing, Engineering, and Design ICCED | London, UK | The Future of CE—From Connected and Smart to... Organized and AI? | Presenter |
| 2016 | International Conference on Software Engineering Austin ICSE2016, International Workshop on Theory-Oriented Software Engineering TOSE | Austin, TX, USA | Montessori + SE + ICT = SEET: Using SE to Teach SE | Presenter |
| 2011 | International Conference on Microwaves, Communications, Antennas, Biomedical Engineering & Electronic Systems IEEE COMCAS | Tel Aviv, Israel | PlayStation for Elderly Therapy | Presenter |
| 2005 | The 2nd International Congress on Sport and Health | St. Petersburg, Russia | Instructing Senior Trainers in Computer Usage | Presenter |
| 2004 | Society for Information Technology and Teacher Education International Conference SITE | Atlanta, GA, USA | 1. Teaching an IT Primer to Silver-Haired Teachers 2. IT for Physical Education Teachers | Presenter and Panel chair |
| 2004 | World Conference on Educational Multimedia, Hypermedia and Telecommunications (EDMEDIA) | Lugano, Switzerland | Web-Based Lab-Oriented Teaching of Internet Programming Course | Presenter |
| 2003 | Conference on physical Education PE and Sport in Modern Environments | Moscow, Russia | A Concept of Fitness Centers | Co-author |
| 2003 | International Conference on Problems of Modernization of Educational Process in PE | Volgograd, Russia | System of Rehabilitation using PE for Older Age | Presenter |
| 2003 | 13th International Conference on Man, Health, PE, and Sport | Colomna, Russia | System of Training for Optimization of Mobility for the Oldest Old | Presenter |
| 2003 | 5th International Conference on Problems of PE for populations in distress | Gomel, Russia | PE for Older Age | Presenter |
| 2000 | 3rd European Project Management Conference, PMI | Jerusalem, Israel | Startup Management—A Case Study | Presenter |

B. Participation as Conference Organizer

| Date | Conference Name | Conference Location | Subject and Type of Conference | Role |
|-------------|-----------------------------------|----------------------------|---|-------------------------|
| Jun 2015 | Industrial Engineering Conference | Ruppin Academic Center | “Information Security in Digital Era” Panel Session | Organizer |
| Jul 2013 | ILAIS | Ruppin Academic Center | “21st Century School” Roundtable | Co-Chair Organizer |
| 2011 | 3rd Engineering Conference | Ruppin Academic Center | “Smart House” Panel Session | Moderator and Organizer |

7. Invited Lectures/Colloquium Talks

| Date | Conference/Talk Location | Name of Forum | Presentation Title |
|-------------|---|--|---|
| Jan 2023 | EuroCALL CorpusCALL | Webinar, Guest Speaker | Crowdsourcing corpus filtering for pedagogical purpose project: A fruitful partnership between computer science and linguistics |
| Feb 2022 | Ruppin Academic Center Excellence Unit Workshop, Israel | Online, Guest Speaker | Integration of Quizzes (Active Learning) in Programming Course Lectures: When, Where and How? |
| Dec 2021 | International Conference on Language, Literature and Culture in Education, LLCE, Slovakia | Online, Guest Speaker | Integrating robots into language education |
| Nov 2020 | Ruppin Academic Center, Israel | Faculty of Engineering Seminar, Invited talk | Crowdsourcing and Production of Language Learning Materials |
| Oct 2020 | enetCollect | Online, 1st enetCollect webinar, Invited Speaker | A Practical Guide to STSM |
| Mar 2020 | Kauno Kolegija/University of Applied Sciences, Kaunas, Lithuania | Faculty of Technologies, University of Applied Sciences, Visiting Scholar Invited Talk | Boosting Students’ Creativity by Adding Gamification Principles to Software Engineering Course |
| Dec 2019 | KAKAL Conference, Israel | KAKAL Seminar, “Center and Periphery—JNF for strengthening the periphery,” Kakal, Nof Galil, Israel, Ruppin Academic Center Panel, Invited Talk | Students for Community: Access to Engineering Knowledge and Empowerment of Youth at Risk |
| Jun 2019 | Emek Hefer Regional Council, Israel | Robotics Week Summary, Minister of Science, Technology and Space Ofir Akunis, Head of Emek Hefer Council, Galit Shaul and Other Invited Guests, Invited Talk | Robotics and Technology Education in Kindergartens and Primary Schools (Presentation about Research Outcomes) |

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| Feb 2019 | Instituto Nacional de Saúde Doutor Ricardo Jorge, Porto, Portugal | SheldOn COST Action Annual Meeting, Invited Talk | Training School “IoT for Furniture in Smart Habitats” Insights |
| Feb 2019 | Ruppin Academic Center | The Jewish Agency for Israel Board Meeting, Invited Talk | Educational Robotics |
| Sep 2018 | Queen Mary University of London, UK | School of Electronic Engineering and Computer Science, DALI Project Group, Visiting Scholar Talk | Linguistics Application Development for Second Language Learning |
| Feb 2018 | University of Iceland, Iceland | Visiting Scholar Talk | Using Robotics to Teach STEM and CS1 |
| Oct 2016 | Ruppin Academic Center, Israel | School of Engineering Annual Meeting | Future of Programming |

8. Research Grants

A. Grants Awarded

| Role in Research | Co-Researchers | Topic | Funded by/ Amount | Year |
|------------------|---|---|---|------|
| PI | | Workshop, “Creativity in Software Engineering and Gamification Principles” | 1200 EUR, Erasmus+ (Kauno kolegija / University of Applied Sciences, Faculty of Technologies Lithuania) | 2020 |
| PI | Alex Raskin, Amit Elia | Participation in enetCollect—CrowdFest 2020 | 850 EUR, COST (Coimbra University) | 2020 |
| PI | Dr. Tanara Zingano Kuhn, Peter Dekker, Dr. Branislava Šandrih | Crowdsourcing corpus cleaning for language learning resource development—next steps and experiments | 350 EUR, COST (Lisbon University) | 2019 |
| PI | | Definition and building a prototype for learning environment in the field of industrial robotics | 4591 SH, Ruppin Academic Center | 2018 |
| PI | | Investigation of user interfaces (UIs) from the point of view of personalization and gamification | 2000 EUR, STSM, COST (University of Iceland) | 2018 |
| PI | | Investigation of gamification of crowdsourcing language learning from the point of view of practical applicative design of intelligent UI and using various AI techniques | 1800 EUR, STSM, COST (Open University of Cyprus) | 2018 |
| PI | | Investigation of collective intelligence of the end users in Gamified Crowdsourcing | 2200 EUR, STSM, COST (Essex University) | 2018 |

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| | | Language Learning platform | | |
| PI | | ICT organic learning environment—the field tests stage | 8000 SH, Ruppin Academic Center | 2014–2015 |
| | Dr. Mark Trakhtenbrod, Prof. Judith Gal-Ezer, Dr. Vladimir Nudelman | Design of visual tools in distance teaching of Automata course | 80,000 SH, VATAT | 2005–2007 |
| PI | | Design of online educational organic internet-programming system | 29,000 SH, Magbit Canada | 2002–2003 |

B. Submitted Research Proposals—Pending

| Role in Research | Co-Researchers | Topic | Funded by/ Amount | Year |
|------------------|----------------|-------|-------------------|------|
| | | | | None |

C. Research Proposals Submitted but Not Funded

| Role in Research | Co-Researchers | Topic | Funded by/ Amount | Year |
|------------------|--|---|--|------|
| PI | Dr. Michal Isaacson, Dr. Carmit-Noa Shpiglmen (Haifa University) | The Impact of Advanced Communication Technologies on Social Connectivity and Subjective Wellbeing Among Aging Populations | 250,000 SH, Ministry of Science, Technology, and Space | 2018 |

9. Scholarships, Awards, and Prizes

2023: Ruppin Academic Center, “2022 Provost’s Teaching Excellence Award”

2022: KM Conference 2022, “Best Research Idea Award” for "A methodology for creating user-generated educational materials via crowdsourced resource gathering".

2022: Ruppin Academic Center, “2021 Provost’s Teaching Excellence Award”

2021: Ruppin Academic Center, “2020 Provost’s Teaching Excellence Award”

2020: Ruppin Academic Center, “2019 Provost’s Teaching Excellence Award”

2019: International Conference of Computational Intelligence and Intelligent Systems (ICCIIS2019) as a part of World Congress of Engineering (WCE2019) for “REX Paradigm for Robotic Expert Systems”, “Certificate of Merit” award

2019: Ruppin Academic Center, “2018 Provost’s Teaching Excellence Award”

2018: International Conference of Computational Intelligence and Intelligent Systems 2018 (part of World Congress of Engineering 2018 for “Child-Friendly Robotics”), “Certificate of Merit” award

2018: ICIST 2018, London, “Best Presentation” award for “Educational Technology for Pre-K Digizens”

2017: Ruppin Academic Center, “2016 Provost’s Teaching Excellence Award”

2016: Ruppin Academic Center, “2015 Provost’s Teaching Excellence Award”

2015: Ruppin Academic Center, “2014 Provost’s Teaching Excellence Award”

2014: Ruppin Academic Center, “2013 Provost’s Teaching Excellence Award”

2003: IDC, “Excellence for Teaching Activity in 2002”

10. Teaching History

| Year | Name of Course | Type of Course/Lecture, Institution | Degree | Number of Students |
|---------------|---|---|--------|-----------------------|
| 2022– 2023 | Programming Basics with C | Lecture (Mandatory), Ruppin Academic Center | First | 80 |
| 2019– 2022 | Data Communication Networks | Lecture (Mandatory), Ruppin Academic Center | First | 60 |
| 2019– 2020 | Automata and Formal Languages | Lecture (Mandatory), Reichman University (former IDC Herzliya) One of the groups in English | First | 250 |
| 2019– 2020 | Engineering Skills and Thinking | Lecture (Mandatory), Ruppin Academic Center | First | 40 |
| 2018– 2023 | Object Oriented Programming in C# | Lecture (Mandatory), Ruppin Academic Center | First | 40 |
| 2017– 2023 | Software Engineering in C# | Lecture (Mandatory), Ruppin Academic Center | First | 180 |
| 2015– 2019 | Advanced Topics in C Language | Lecture (Mandatory), Ruppin Academic Center | First | 40 |
| 2013– 2022 | Object Oriented Programming in C++ | Lecture (Mandatory), Ruppin Academic Center | First | 40 |
| 2012– 2018 | Communication Networks and Information Security | Lecture (Mandatory), Ruppin Academic Center | First | 60 |
| 2010– 2011 | C# | Sadna (Workshop), Ruppin Academic Center | First | 60 |

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| 2007– 2008 | High Speed Networks | Lecture (Mandatory), Holon Institute of Technology, HIT | Second | 40 |
| 2007– 2023 | Programming Basics with C++ | Lecture (Mandatory), Ruppin Academic Center | First | 160 |
| 2006– 2017 | Networks and Application Development | Lecture (Mandatory), Reichman University (former IDC Herzliya), Herzliya | First | 60 |
| 2006– 2008 | Advanced Topics in IP | Higher Learning Course, Holon Institute of Technology, HIT | First/Second | 60 |
| 2005– 2008 | Web Application Development | Lecture (Mandatory), Reichman University (former IDC Herzliya), Herzliya | First | 40 |
| 2003– 2008 | Automata and Formal Languages | Lecture (Mandatory), Reichman University (former IDC Herzliya), Herzliya | First | 60 |
| 2003– 2012 | Data Bases | Lecture (Mandatory), Reichman University (former IDC Herzliya), Herzliya | First | 60 |
| 2003 | Computer and Communication Fundamentals | Introduction Course (Mandatory), Reichman University (former IDC Herzliya), Herzliya | First | 100 |
| 2003– 2008, 2021 | Automata and Formal Languages | Lecture (Mandatory), Reichman University (former IDC Herzliya), Herzliya | First | 180 |
| 2002– 2004 | Distributed Information Systems | Higher Learning Course, Technion | First | 60 |
| 2002 | Compilation | Higher Learning Course, Reichman University (former IDC Herzliya), Herzliya | First | 50 |
| 2000– 2003 | Introduction to Programming with Java | Introduction Course (Mandatory), Reichman University (former IDC Herzliya), Herzliya | First | 60 |
| 2000– 2004 | Advanced Topics in Internet Programming | Lecture, Jordan Valley College | First | 40 |
| 2000– 2001 | Data Structures and Algorithms | Lecture (Mandatory), Technion | First | 60 |
| 1999– 2023 | Compilation | Higher Learning Course, Open University, Ruppin Academic Center, Tel Aviv University | First | 30–70 |
| 1999 | Introduction to Programming with C | Introduction Course (Mandatory), Ort Braude | First | 50 |
| 1999– 2008 | Operating Systems | Lecture (Mandatory), Jordan Valley College, Ruppin Academic Center, | First | 40 |

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| 1999– 2008 | Software Engineering | Lecture (Mandatory), Jordan Valley College, Ben-Gurion University, Ruppin Academic Center, | First | 40 |
| 1999– 2004 | Internet Programming | Lecture (Mandatory), Jordan Valley College | First | 40 |
| 1999– 2004 | Data Structures and Algorithms | Lecture (Mandatory), Jordan Valley College, Technion | First | 40 |

11. Miscellaneous

Not Applicable

12. Professional Experience

2020–2021: Academic adviser and developer of the “Automata and Formal languages” course for the ADVA program, which trains ultra-religious students to be practical software engineers

2016–2020: Academic adviser and member of the organizing committee for “Robotics and Technology in Kindergarten and Elementary Schools” program, Emek Hefer.

2016–2019: Academic adviser and organizer of “Robotics and Technology in Kindergarten and Elementary Schools” program, Emek Hefer and Zemer Council.

13. Publications

A. PhD Dissertation

Knowledge Systems: Means and methods of fitness training of the senior age group, 2003, 127 pages, Russian, VNIIFK, Tula University, Prof. B. Shustin, Dr. O. Tuinova.

B. Scientific Books (Refereed)

Compilation, Teaching Guide, 2010 (in Hebrew), Open University, Israel.

C. Other Scientific Publications

Not Applicable

D. Published Articles in Refereed Journals

1. Zviel Girshin, R., kukliansky, I., & Rosenberg, N. (2023). Twenty-first century parents' attitudes and beliefs on early childhood robotics education. *Education and Information Technologies*.

2. Gambo, I., Bueno, V., Moses, K., Melero-Muñoz, F. J., Zviel-Girshin, R., Andrushevich, A., Mrissa, M., Landowska, A., & Taveter, K. (2023) Technology Adoption Review for Ageing Well: Analysis of Technical Solutions, *Frontiers in Public Health*, Sec. Aging and Public Health, Volume 11 - 2023 | doi: 10.3389/fpubh.2023.1169192

3. Kuhn, T. Z., Holdt, Š. A., Kosem, I., Tiberius, C., Koppel, K., & Zviel-Girshin, R. (2022). Data preparation in crowdsourcing for pedagogical purposes: the case of the CrowLL game. *Slovenščina 2.0: empirične, aplikativne in interdisciplinarne raziskave*, 10(2), 62-100.

<https://doi.org/10.4312/slo2.0.2022.2.62-100>

4. Zviel Girshin, R. & Gajek, E. (2021). Blessing and curse of crowdsourcing among educational experts - a study of teachers' willingness to contribute as a crowd. *Journal of Language and Cultural Education*, 9(3) 1-11.

<https://doi.org/10.2478/jolace-2021-0016>

5. Zviel-Girshin, R., & Rosenberg, N. (2021). How to Enhance Creativity and Inquiry-Based Science Education in Early Childhood-Robotic Moon Settlement Project. *Creative Education*, 12(11), 2485-2504. 2020

6. Arhar Holdt, Š., Zviel-Girshin, R., Gajek, E., Durán-Muñoz, I., Bago, P., Fort, K., Hatipoğlu, Ç., Kasperavičienė, R., Koeva, S., Lazić Konjik, I., Miloshevska, L., Ordulj, A., Rodosthenous, C., Volodina, E., Weber, T. & Zanasi, L. (2020). Language Teachers and Crowdsourcing: Insights from a Cross-European Survey. *Rasprave*, Vol. 46 No. 1, 2020, p.1-28. Institut za hrvatski jezik i jezikoslovlje, Zagreb.

https://hrcak.srce.hr/index.php?show=toc&id_broj=19344&lang=en).

7. Zviel-Girshin, R., Luria, A., & Shaham, C. (2020). Robotics as a tool to enhance technological thinking in early childhood. *Journal of Science Education and Technology*, 29(2), 294-302.

8. Zviel Girshin, R. (2005). Web search as interactive learning environment for graduation projects. *Journal of Interactive Learning Research*, 16(1), 21–30.

E. Articles or Chapters in Scientific Books (Excluding Conference Proceedings)

Not Applicable

F. Articles Published in Conference Proceedings

1. Kuhn, Tanara Zingano; Tiberius, Carole; Arhar Holdt, Špela; Kosem, Iztok; Koppel, Kristina; Zviel-Girshin, Rina; Luís, Ana R. (2022) *The CrowLL project - Manually-annotated corpora for teaching and learning purposes of Brazilian Portuguese, Dutch, Estonian, and Slovene*. [Poster](#) presented at the CLARIN Bazaar 2022. CLARIN Annual Conference 2022, 10-12 October 2022, Prague, Czech Republic.

2. Akhlaghi-Baghoojari, E., Bédi, B., Chua, C., Horváthová, I., Ivanova, N., Maizonniaux, C., ... & Zviel-Girshin, R. (2022). Easy as ABC: using LARA to build multimedia alphabet books. *Intelligent CALL, granular systems and learner data: short papers from EUROCALL 2022*, 1.
3. Bédi, B., Chiera, B., Chua, C., Eyjólfsson, B., Rayner, M., Weiss, C. O., & Zviel-Girshin, R. (2022). Using LARA to create annotated manuscripts and inscriptions for museums: an initial feasibility study. *Intelligent CALL, granular systems and learner data: short papers from EUROCALL 2022*, 18.
4. Chiera, B., Bédi, B., & Zviel-Girshin, R. (2022). Using learner data from Duolingo to detect micro-and macroscopic granularity through machine learning methods to capture the language learning journey. *Intelligent CALL, granular systems and learner data: short papers from EUROCALL 2022*, 58.
5. Kuhn, T. Z., Holdt, Š. A., Girshin, R. Z., Luís, A. R., Tiberius, C., Koppel, K., Todorović, B.Š. & Kosem, I. (2022). [INTRODUCING CrowLL–THE CROWDSOURCING FOR LANGUAGE LEARNING GAME](#). *Dictionaries and Society. EURALEX2022 Congress*. In Book of Abstracts of the XX Euralex International Congress, 12-16 July 2022, Mannheim, Germany
6. Zviel-Girshin, R., Kuhn, T. Z., Luís, A. R., Koppel, K., Todorović, B. Š., Holdt, Š. A., Tiberius, C., & Kosem, I. (2021). Developing pedagogically appropriate language corpora through crowdsourcing and gamification. *CALL and Professionalisation: Short Papers from EUROCALL 2021*. 312.
7. Zingano Kuhn, T., Todorović, B.Š., Holdt, Š.A., Zviel-Girshin, R., Koppel, K., Luís, A.R., & Kosem, I. (2021). Crowdsourcing pedagogical corpora for lexicographical purposes. In *Proceedings of XIX EURALEX Congress: Lexicography for Inclusion*, Vol. II. Democritus University of Thrace, 771–779.
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