

Name: Yogev Shani

Date: July 12, 2026

CURRICULUM VITAE

1. Personal Details

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2. Higher Education

A. Undergraduate and Graduate Studies

Period of Study	Name of Institution and Department	Degree	Year of Approval of Degree
Oct 2026	Tel Aviv University, Education	PHD	
2023-2024	Tel Aviv University, Education	M.A. in Science Education with Technology and Learning, Thesis Track Graduated summa cum laude, GPA: 98	2024
1998-2003	Open University of Israel, Computer Science	B.A. in Computer Science Graduated cum laude, GPA: 90	2003

3. Academic Ranks and Tenure in Institutes of Higher Education

Dates	Name of Institution and Department	Rank/Position
2025 - Today	The Academic College of Tel Aviv-Yaffo, Computer Science	Teaching Fellow
2026 – Today	Ono Academic College, Computer Science	Adjunct Lecturer
2025 – Sep 2026	The Academic College of Tel Aviv-Yaffo, Information Systems	Teaching Fellow
2026 – Sep 2026	Holon Institute of Technology, Computer Science	Adjunct Lecturer
2025	Sami Shamoon College of Engineering, Industrial Engineering and Management	Adjunct Lecturer
2022 - Sep 2026	The Academic College of Tel Aviv-Yaffo, Computer Science; Information Systems	Adjunct Lecturer

4. Offices in Academic Administration

**Head of the AI-Based Software Specialization, School of Computer Science
Academic College of Tel Aviv-Yaffo**

Oct 2025 - Sep 2026

5. Scholarly Positions and Activities outside the Institution

NA

6. Participation in Scholarly Conferences

A. Active Participation

Date	Name of Conference	Place of Conference	Subject of Lecture/Discussion	Role
Feb 2026	CHAIS Conference on Innovation and Learning Technologies	Open University of Israel, Israel	Can Generative AI Mentor Pre-Service Teachers?	Speaker

7. Invited Lectures\ Colloquium Talks

NA

8. Research Grants

NA

9. Scholarships, Awards and Prizes

Awards and Honors:

Outstanding Lecturer Award, Academic College of Tel Aviv-Yaffo, 2024

10. Teaching

A. Courses Taught in Recent Years

Year	Name of Course	Type of Course	Degree	Number of Students
Present	Python & Development with LLM	Lecture	B.Sc. Computer Science	17
2025-Present	Introduction to Cloud Computing and Serverless Development (AWS)	Lecture	B.Sc. Computer Science	100+
2025-Present	From Academia to Industry: Hi-Tech Internship Program	Capstone project	B.Sc. Computer Science	10
2025-Present	GenAI & Cloud Bootcamp	Workshop	B.Sc. Computer Science	20
2022-Present	Cloud Computing Workshop - AWS	Capstone project	B.Sc. Computer Science	100+
2025	Generative AI in Academic Learning	Introduction Course (Mandatory)	B.Sc. Computer Science	50+
2025	Information retrieval and filtering	Lecture	B.Sc. Industrial Engineering and Management	30

B. Teaching Assistant in Recent Years

Year	Name of Course	Type of Course	Degree	Number of Students
2026	Computer Organization and Architecture	Teaching Assistant Advanced Course	B.Sc. Computer Science	30
2022-2026	Object Oriented Programming, Java	Teaching Assistant Advanced Course	B.Sc. Information Systems	250+
2025-2026	Introduction to Computer Science, Python Programming	Teaching Assistant Introduction Course (Mandatory)	B.Sc. Computer Science	100+
2022-2026	Introduction to Computer Science, C++ Programming	Teaching Assistant Introduction Course (Mandatory)	B.Sc. Information Systems	250+
2023-2024	Introduction to Computer Science, C Programming	Introduction Course (Mandatory)	B.Sc. Computer Science	100+
2022-2024	Object Oriented Programming, C++	Teaching Assistant Advanced Course	B.Sc. Computer Science	200+

11. Miscellaneous

Education:

2023 Computer Science Teaching certificate

Tel Aviv University

Academic Volunteering:

Bebras Israel

Tel Aviv University | 2021 - Present

Developed an educational website on computational thinking for Tel Aviv University, supporting teaching, learning, and outreach initiatives in computer science education.

12. Professional Experience

Summary:

Experienced AWS Cloud Migration & Program Manager specializing in telecom BSS and OSS product migrations to AWS Cloud. Skilled in leading cross-functional teams, aligning technical delivery with business goals, and integrating Generative AI technologies to enhance planning and development. Passionate about mentoring and teaching emerging tech professionals.

Technical Program Manager

Amdocs, Raanana | Vodafone Netherlands | Jan 2024 – September 2025

- Led the end-to-end cloud migration of multiple products from on-premises to AWS Cloud, driving cloud adoption across the organization.
- Managed cross-functional teams, including development, testing, and infrastructure, while building migration plans, tracking risks, and reporting to senior leadership.
- Collaborated closely with product and engineering teams to ensure a smooth transition to cloud-native architecture and services.
- Utilized Generative AI tools to optimize planning and validation and encouraged development teams to embrace AI-driven methods to elevate product delivery.

Software Development Manager

Amdocs, Raanana | Vodafone Netherlands; Comcast | August 2017 – December 2023

- Led the full development lifecycle for CRM, Self-Service Portals, and Order Management Systems, from scope definition and PI planning to development, deployment, and production stabilization.
- Managed account strategy and partnership, aligning technical delivery with customer business goals.
- Served as HR manager for multiple Scrum teams across Israel, Cyprus, and India, fostering professional growth and team success.
- Consistently delivered releases on time, with high quality and zero major production incidents.

Global Manager of Technical Support

Amdocs, Raanana | Amdocs Technology | August 2013 - July 2017

- Led a global L3 support team of over 50 members across Israel, India, and Mexico, supporting the Order Management System (OMS).
- Oversaw deployment and 24/7 support for leading telecom providers worldwide, meeting strict SLAs.
- Managed product enhancement development, defect resolution, and certification processes for each release.

Performance Test Manager

Amdocs, Raanana | Amdocs Technology | April 2012 - August 2013

- Owned all non-functional testing aspects for telecom Self-Service Portals and Order Management Systems, focusing on peak load, scalability, stability, stress tests and spike tests, while collaborating with development, QA, and business teams to drive system performance improvements.
- Identified and resolved major bottlenecks in peak scenarios, ensuring system stability during high-traffic events.

Software Development & Technical Support Manager

Amdocs, Atlanta, GA, USA | AT&T Mobility | July 2010 - April 2012

- Led development, deployment, and support of AT&T's CRM system, managing full lifecycle delivery, from solution design to production rollout, while working onsite as the primary technical and business focal point.
- Consistently delivered all releases on time and of high quality, meeting both technical and business expectations.

Java and C Developer

Amdocs & PTC | 2003 - 2010

Developer roles at Amdocs and PTC, focusing on CRM systems and augmented reality technologies.

PUBLICATIONS

A. Articles in Refereed Journals

Published

1. Adler, I., & **Shani, Y.** (2026). Hybrid Human-GenAI cognitive apprenticeship: Encouraging pre-service teachers to implement instructional practices to support students' self-regulated learning. *Teaching and Teacher Education*, 169, 105268.

This article is based on the author's M.A. thesis research conducted at Tel Aviv University.

Average Impact Factor (2022–2024): 3.93 | Journal ranking: Q1 | Citations: 4

B. Articles in Conference Proceedings

Published

1. **Shani, Y.**, & Adler, I. (2026, February). Can generative AI mentor pre-service teachers? Exploring a chatbot-led cognitive apprenticeship-based discourse [Short paper]. In *Proceedings of the 21st Chais Conference for the Study of Innovation and Learning Technologies: Learning in the Digital Era*.
2. Rika, H., Leiba, M., **Shani, Y.**, & Ben-Yaacov, A. (2025, May). Game On: Leveraging Gamification in CS0 to Boost Preparedness and Persistence for CS1. In *International Conference on Human-Computer Interaction* (pp. 41-58). Cham: Springer Nature Switzerland.
3. Aviv, I., Leiba, M., Rika, H., & **Shani, Y.** (2024, June). The impact of chatgpt on students' learning programming languages. In *International Conference on Human-Computer Interaction* (pp. 207-219). Cham: Springer Nature Switzerland.

C. Summary of my Activities and Future Plans

My academic and professional work focuses on the integration of Generative Artificial Intelligence (GenAI), learning technologies, and self-regulated learning (SRL) to improve teaching and learning processes in higher education. My interdisciplinary background combines extensive industry experience in software engineering and cloud technologies with academic teaching and research in educational technologies.

My recent research has focused on the use of GenAI-based mentoring systems to support pre-service teachers in implementing instructional practices that foster students' self-regulated learning. This research examined how AI-driven cognitive apprenticeship model (CAM) can support reflection, guidance, and pedagogical development in educational settings.

In parallel to my research activities, I actively develop and teach courses in Generative AI, cloud computing, software development, and AI-oriented learning methodologies. My teaching approach emphasizes practical, project-based learning while encouraging students to become independent and self-regulated learners through the effective use of modern AI technologies.

Currently, I am leading additional research projects focusing on the educational impact of GenAI technologies. One ongoing study explores how automatically generated educational videos created using GenAI tools can improve student learning processes and engagement. Another study investigates the impact of vibe coding and AI-assisted self-learning approaches compared to traditional instructor-centered learning models.

Beginning next academic year, I plan to pursue a Ph.D. at Tel Aviv University in the field of Technologies and Learning, with a research focus on self-regulated learning and the integration of Generative AI into educational environments. My long-term research vision is to develop innovative GenAI-based systems and pedagogical methodologies that improve both teaching practices and student learning experiences.

As part of my future academic goals, I aim to contribute to the advancement of AI-oriented education and curriculum innovation within Ruppin Academic Center, particularly within the Faculty of Management and Economics. I believe that integrating GenAI technologies into higher education can significantly enhance students' independence, creativity, problem-solving abilities, and self-regulated learning abilities.