Name: Salih Abu Shahin **Date: Dec. 2025**

CURRICULUM VITAE

1. Personal Details

Permanent Home Address: P.O.B 3097, 3081100 Tamra, Israel

Cellular Phone: 00972545379352

Fax: 04-8404213

E-mail: salih.shahin@gmail.com

2. Higher Education

Undergraduate and Graduate Studies

Period of Study	Name of Institution and Department	Degree	Year of Approval of Degree
2010-2006	Ben-Gurion University, Biomedical Engineering	B.SC	2010
2015-2018	Haifa University, Mathematics	M.SC	2018
today	Tel Aviv University, Faculty of Medicine and Health Sciences	Ph.D student	

3. Academic Ranks and Tenure in Institutes of Higher Education

Dates	Name of Institution and Department	Rank/Position
2017- today	The Max Stern Yezreel Valley Academic College, Department of Information Systems	Lecturer, מורה מן החוץ

4. Teaching

a. Courses Taught in Recent Years

Year	Name of Course	Type of Course	Degree	Number of Students
2018-2019	Advanced Machine Learning	Lecture	Undergraduate	30
2017- today	Big Data	Lecture	Undergraduate	90
2017- today	Data Mining	Lecture	Undergraduate	90
2018 – 2023	Data Wrangling Lab	Lab	Undergraduate	60
2022 – today	Statistical Learning	Lecture	Undergraduate	60
2022 - today	Deep Learning	Lecture	Undergraduate	60
2024 – today	Introduction to Computer Science	Lecture	Undergraduate	30
2024 – today	Advanced Java Programming	Lecture	Undergraduate	40

b. Courses That I Can Taught

Java, Java OOB, Python, Linear Algebra, Calculus A, Calculus B, Probability, Statistics, Discrete Mathematics, Introduction for CS.

c. Student Feedback

- Recognized for excellent teaching through consistently positive student evaluations.
- Received high student satisfaction ratings across multiple undergraduate courses.
- Repeatedly praised by students for clarity, engagement, and supportiveness in teaching.

5. Current Research Activities

- Review Paper: Preparing a comprehensive review on the use of machine learning and deep learning techniques in malocclusion classification and 3D medical imaging.

- Original Research: Developing a research paper on the classification of open bite cases using artificial intelligence algorithms.

Summary of my Activities and Future Plans.

During my M.Sc. thesis, I created an algorithm that uses machine learning and computer vision to detect cancer cells in the colon. The algorithm incorporates Random Forest, and the objective was to automate the learning process by building a new image-specific classifier for each new image.

As a PhD student at the University of Tel Aviv, I am focused on expanding my research in the field of deep learning, particularly in the realm of medicine and image recognition. My objective is to integrate deep learning methods for analyzing medical images data.