לימודי הסמכה
קרית הטכניון, חיפה 3200003

הטכניון
מכון טכנולוגי לישראל

TECHNION
Israel Institute
of Technology

Undergraduate Studies
Technion City, Haifa 3200003, Israel

Official Academic Transcript

Transcript of **Ismaeel Bder** I.D. **323084830** who studies

for the degree **Bachelor of Science in Computer Sciences (3 Years)**
in the Faculty of Computer Science

and accumulated **84.5** credit points, with a grade point average of **82.7**
(**118.5** credit points are needed for the degree)

Subject		Credits	Grade	Semester
044102	Safety in Ee Labs.	0.0	Failed	2020-21 Winter
044252	Digital Systems and Computer Structure	5.0	73	2022-23 Winter
094412	Probability (Advanced)	4.0	82	2022-23 Spring
103015	Introductory Mathematics	0.0	Exemption without points	
104031	Calculus 1M	5.5	86	2021-22 Summer
104032	Calculus 2M	5.0	77	2020-21 Spring
104033	Vector Analysis	2.5	82	2022-23 Spring
104134	Modern Algebra H	2.5	88	2022-23 Summer
104166	Algebra Am	5.5	92	2023-24 Winter
113013	Introductory Physics 1	0.0	Exemption without points	
113014	Introductory Physics 2	0.0	Exemption without points	
114052	Physics 2	3.5	90	2021-22 Summer
114071	Physics 1M	3.5	64	2021-22 Summer
134058	Biology 1	3.0	88	2023-24 Winter
234114	Introduction to Computer Science	4.0	84	2020-21 Winter
234118	Computer Organization and Programming	3.0	Passed	2022-23 Spring
234124	Introduction to Systems Programming	4.0	83	2021-22 Winter
234125	Numerical Algorithms	3.0	88	2023-24 Winter
234129	Int. to Set Theory and Automata for Cs	3.0	58	2020-21 Winter
234141	Combinatorics for Cs	3.0	76	2021-22 Winter
234218	Data Structures 1	3.0	85	2022-23 Spring
234247	Algorithms 1	3.0	87	2023-24 Winter
234292	Logic for Cs	3.0	Passed	2022-23 Spring
236833	Seminar in Automata and Formal	2.0	85	2023-24 Winter
324033	Technical English-Advanced B	3.0	Exemption with points	
324235	Communication by Theatrical Means	1.5	98	2020-21 Winter
324292	Law, Equality and Social Justice	2.0	81	2022-23 Spring
324442	Israeli Labor Law	2.0	80	2022-23 Spring
325002	Artist in Residence Studio 2	2.0	90	2023-24 Winter
394902	Competition Teams	1.5	97	2022-23 Winter
394902	Competition Teams	1.5	98	2022-23 Spring

End of transcript

I hereby confirm that the information given above is correct
Haifa, 19.06.2024

Efrat Nativ Ronen
Academic Secretary,
Undergraduate Studies

* The minimum passing grade is 55.

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