



**Dr. Elad Atia**  
Faculty of Computer Science

**Date:** November 2023

## **CURRICULUM VITAE**

### **1. Personal Details**

Elad Atia

Tashbetz 7, Jerusalem

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### **2. Higher Education**

#### **A. Undergraduate and Graduate Studies**

**2009-2012 B.Sc in mathematics, Bar Ilan University.**

**2013-2016 MA with honors in mathematics, at the Department of Mathematics, Bar Ilan University.**

#### **B. Doctoral Degree and Post-Doctoral Studies**

**2019-2023 Ph.D in Mathematics at the Department of Mathematics at Bar Ilan University, under the supervision of Prof. Reuven Cohen.**

#### **C. Other Education**

**2016-2017 Teacher Training in Mathematics.**

### **3. Academic Ranks and Tenure in Institutes of Higher Education**

<b>Dates</b>	<b>Institution and Department</b>	<b>Rank/Position</b>
2014-present	Bar Ilan University	Teaching Fellow
2016-present	hit	Teaching Fellow
2017-present	The College of Management Academic Studies	External Lecturer (2017-2023) Academic Fellow – Lecturer (2023-present)



## 4. Teaching

### a. Courses Taught in Recent Years

Year	Course Name	Bar Ilan University		
		Type: Lecture/Seminar/Workshop/ High Learn Course/Introduction	Degree	No. of Students
2014	Discrete Mathematics for Engineering	High learn course	B.Sc	120
2014-2018,2021-2022	Infinitesimal Calculus III for Mathematics	High learn course	B.Sc	60
2015	Infinitesimal Calculus IV for Mathematics	High learn course	B.Sc	40
2015-2017	Topology	High learn course	B.Sc	40
2015-2017, 2019-2021	Differential Geometry	High learn course	B.Sc	30
2016	ODE for Mathematics	High learn course	B.Sc	30
2016-present	Linear Algebra 1 for Mathematics	High learn course	B.Sc	60
2017-present	Infinitesimal Calculus I for Computer Science	High learn course	B.Sc	150
2017-2018	Algebraic Structures for Computer Science	High learn course	B.Sc	50
2017-present	Discrete Mathematics for Mathematics	High learn course	B.Sc	60
2018-2020	Harmonic Analysis for Engineering	High learn course	B.Sc	100
2018,2021-2022	Complex Functions I for Mathematics	High learn course	B.Sc	40
2019	Introduction to Groups for Mathematics	High learn course	B.Sc	30
2019-present	Infinitesimal Calculus II for Computer Science	High learn course	B.Sc	120
2020	Infinitesimal	High learn course	B.Sc	80



	Calculus I for Mathematics			
2022-present	Introduction to Linear Algebra for Bioinformatics	High learn course	B.Sc	40
2022	Mathematics A for Geography	High learn course	B.Sc	3
2022-2023	Mathematics A for Biology and for Biotechnology	High learn course	B.SC	210
2022	Calculus II for Engineering	High learn course	B.Sc	60
2023	Combinatorics for Engineering	High learn course	B.Sc	70
2023-present	Linear algebra II for Computer Science	High learn course	B.Sc	45
2023-present	Discrete Mathematics for Computer Science	High learn course	B.Sc	45
		<b>Holon Institute of Technology (hit)</b>		
2016-2023	Infinitesimal Calculus I for Computer Science	High learn course	B.Sc	50
2016-2023	Linear algebra for Computer Science and for Engineering	High learn course	B.Sc	80
2016-present	Discrete Mathematics I & II for Computer Science	High learn course	B.Sc	80
2017	Discrete Mathematics for Technology Management	High learn course	B.Sc	30
2017,2020	Linear Algebra for Technology Management	High learn course	B.Sc	30
2021,2023	Probability for Computer Science and for Engineering	High learn course	B.Sc	40
2020	ODE for Engineering	High learn course	B.Sc	30
2020-present	Infinitesimal Calculus II for	High learn course	B.Sc	30



	Computer Science and for Engineering (2020)			
2021-2023	Algebra 2 for Computer Science	High learn course	B.Sc	60
2023-present	Introduction to probability for Digital Medical Technologies	High learn course	B.SC	25
		<b>The College of Management Academic Studies</b>		
2017-present	Discrete Mathematics I for Computer Science	High learn course	B.Sc	100
2020-present	Discrete Mathematics II for Computer Science	High learn course	B.Sc	100
2018-2019,2021	Infinitesimal Calculus I for Computer Science	High learn course	B.Sc	80
2018-2021	Infinitesimal Calculus II for Computer Science	High learn course	B.Sc	50
2019-2020,2022	Linear algebra I for Computer Science	High learn course	B.Sc	100
2019-2022	Infinitesimal Calculus II for Computer Science	High learn course	B.Sc	80
2018-2022	Linear algebra II for Computer Science	High learn course	B.Sc	120
2019-present	Probability for Computer Science	High learn course	B.Sc	120

## **5. Scholarships**

2015 – Presidential Scholarship for Excellent Ph.d. Students, Bar Ilan University (eventually had to give up on the scholarship due to personal reasons)

## **6. Awards**

2021-present: Excellent Lecturer, COMAS

2018-present: Excellent Lecturer, HIT

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2022: Inspiring Lecturer, BIU.



## **PUBLICATIONS**

### **Ph.D. Dissertation**

Covering Convex Domains and The Blaschke Formula in Various Dimensions, 2023.