## COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK

NAME: Lahav Opher Lipson

SSN#: XXX-XX-7397

CANDIDACY: Bachelor of Science

MAJOR: COMPUTER SCIENCE

SCHOOL: FU FOUNDATN SCHL OF ENGINEERING & APPLIED SCIENCE: UGRAD

PROGRAM TITLE: COMPUTER SCIENCE

SUBJEC		OURSE	TITLE	POINTS	GRADE		SUBJE		OURSE UMBER		POINTS	GRADE		
			Fall 2015				associal.			Fall 2017				
CHEM	W	1403	GENERAL CHEMISTRY I-LEC	3.50	A		COMS	W	4160	COMPUTER GRAPHICS	3.00	A		
CHEM			GENERAL CHEMISTRY I - REC	0.00			COMS	W		ARTIFICIAL INTELLIGENCE	3.00	A+		
ENGI	E	1006	INTRO TO COMP FOR ENG/APP	3.00	A		COMS	W	4901	PROJECTS IN COMPUTER SCIE	3.00	A		
ENGI	E	1102	THE ART OF ENGINEERING	4.00	A+		CSEE	W	3827	FUNDAMENTALS OF COMPUTER	3.00	A		
MATH	V	1201	CALCULUS III	3.00	A+		MDES	UN	2501	2ND YR MOD HEBREW: INTER I	5.00	A+		
PHYS	M	1401	INTRO TO MECHANICS & THER	3.00								GPA	4.155	
			D. W. A. C.		GPA	4.200								
HONORS: DEAN'S LIST							HONOR	S: D	EAN'S					
HONORS	: D	EAN'S	LIST				STANGE OF							
							100			Spring 2018				
			Spring 2016							Japan Spiriting 2010				
							COMS	W	4705	NATURAL LANGUAGE PROCESSI	3.00	A		
COMS	W	3137	DATA STRUCTURES/ALGORITHM	4.00	A		COMS	W	4771	MACHINE LEARNING	3.00	A		
COMS	M	3203	INTRO-COMBINATORICS/GRAPH	3.00	A-		HUMA	UN	1123	MASTERPIECES OF WESTERN M	3.00	A		
ENGL	C	1010	UW: READINGS IN DATA SCI	3.00	B+		MDES	UN	2502	2ND YR MOD HEBREW: INT II	5.00	A+		
PHYS	M	1402	INTRO TO ELEC/MAGNETSM &	3.00	A							GPA	4.117	
					GPA	3.769								
			Fall 2016							Fall 2018				
			Fall 2016				COMS	TAT	4167	COMPUTER ANIMATION	3.00	7. —		
COMS	W	3157	ADVANCED PROGRAMMING	4.00	A-		COMS	W		COMPUTER VISION	3.00			
ECON			PRINCIPLES OF ECONOMICS	4.00	A-		COMS	W		PROJECTS IN COMPUTER SCIE		A		
ECON	UN	1155	PRINCIPLES OF ECON - DISC	0.00			MUSI	UN	2020	SALSA, SOCA & REGGAE	3.00	A		
MDES	UN	1510	1ST YR MOD HEBREW:ELEM I	5.00	A+		PHED	UN	1001	PHYSICAL ED:SELF-PACED RU	1.00	P		
PHYS	UN	1493	INTRO TO EXPERIMENTAL PHY	3.00	A							GPA	4.000	
					GPA	3.938								
HONORS	: D	EAN'S	LIST							Spring 2019				
							AHMM	LINI	2220	MUSIC-EAST ASIA-SOUTHEAST	3.00			
			Spring 2017				COMS			PROJECTS IN COMPUTER SCIE	3.00			
			Spring 2017				COMS			DESIGN USING C++	3.00			
COMS	W	3101	PROGRAMMING LANG (C++)	1.00	A		COMS	E		ADVANCED COMPUTER VISION	3.00			
COMS			COMPUTER SCIENCE THEORY	3.00	A+		MECE	E		ROBOTICS STUDIO	3.00			
MATH	UN	2010	LINEAR ALGEBRA	3.00	A-		PHED	UN	1002	PHYSICAL ED: KAYAKING	1.00			
MDES	M	1511	1ST YR MOD HEBREW:ELEM II	5.00	A+		STAT	GU	4001	INTRODUCTION TO STATISTIC	3.00			
					GPA	4.137								
										REMARKS				
								Cumulative GPA: 4.052						
							9.0	9.00 Credits Transferred from College Bd: Advanced Placeme					ement	

This official transcript was produced on FEBRUARY 01, 2019.



SEAL OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK

Barry & Kane

Barry S. Kane Associate Vice President and University Registrar