

**UNIVERSITY OF MARYLAND**  
**COLLEGE PARK**  
**Office of the Registrar**  
**College Park, MD 20742**  
**UNOFFICIAL TRANSCRIPT**  
**FOR ADVISING PURPOSES ONLY**  
**As of: 06/12/22**

Li, Michael Long

E-Mail: mli25782@terpmail.umd.edu

Major: Computer Science

Transfer - From 2-Year Institution

Undergraduate Degree Seeking

GenEd Program

Current Status: Registered Spring 2022

Double Degree: MUSIC-LIBERAL ARTS PROGR

Double Degree: MATHEMATICS

Fundamental Requirement Satisfied Math: AP; English: AP

**Transcripts received from the following institutions:**

**Advanced Placement Exam**

**on 07/11/18**

**\*\* Transfer Credit Information \*\***

**\*\* Equivalences \*\***

**Advanced Placement Exam**

1601	U.S. GVPT/SCR 4	P	3.00	GVPT170	DSHS
1701	CHEMISTRY/SCR 5	P	3.00	CHEM131	DSNL
	CHEMISTRY/SCR 5	P	2.00	CHEM271	
	CHEMISTRY/SCR 5	P	1.00	CHEM132	
	ENG LANG/COMP/SCR 4	P	3.00		FSAW
	WORLD HISTORY/SCR 3	NC	0.00	No Credit	
	CALCULUS AB/SCR 5	P	0.00	No Credit	
	PHYSICS C-MECH/SCR 5	P	4.00	PHYS161	DSNL
Footnotes: 99					
1801	BIOLOGY/SCR 4	P	3.00	BSCI160	DSNL
	BIOLOGY/SCR 4	P	1.00	BSCI161	
	BIOLOGY/SCR 4	P	3.00	BSCI170	DSNL
	BIOLOGY/SCR 4	P	1.00	BSCI171	
	COMP SCI PRIN/SCR 5	NC	0.00	No Credit	
	ENG LIT/COMP/SCR 4	P	3.00	ENGL240	
	ENG LIT/COMP/SCR 4	P	3.00		L1
	CALC BC/AB SUBSCR 5	P	0.00	No Credit	
	CALCULUS BC/SCR 5	P	4.00	MATH140	FSAR, FSMA
	CALCULUS BC/SCR 5	P	4.00	MATH141	
	PHYSICS C-ELM/SCR 5	P	3.00	PHYS260	DSNL
	PHYSICS C-ELM/SCR 5	P	1.00	PHYS261	
Footnotes: 99					
	STATISTICS/SCR 4	P	3.00	STAT100	FSAR, FSMA
<b>Acceptable UG Inst. Credits:</b>			<b>45.00</b>		
<b>Applicable UG Inst. Credits:</b>			<b>45.00</b>		

**Total UG Credits Acceptable: 45.00**  
**Total UG Credits Applicable: 45.00**

**Historic Course Information is listed in the order:**  
**Course, Title, Grade, Credits Attempted, Earned and Quality Points**

### Fall 2018

**MAJOR: COMPUTER SCIENCE COLLEGE: COMP, MATH, & NAT SCI**

CMSC131	OBJECT-ORIENTED PROG I	A	4.00	4.00	16.00
CPSS100	1ST YR COLLOQUIUM I	A	2.00	2.00	8.00
MATH240	INTRO LINEAR ALGEBRA	A-	4.00	4.00	14.80
MUSC099	PERFORMANCE ATTENDANCE	S	0.00	0.00	0.00
Non-Credit					
MUSC129A	CHAMBER STRINGS	A+	1.00	1.00	4.00
MUSC150	THEORY MUSIC I	A	3.00	3.00	12.00
MUSC229A	SYMPHONY ORCHESTRA	A	1.00	1.00	4.00
MUSP109E	PERFORM CELLO	A	2.00	2.00	8.00

### \*\* Semester Academic Honors \*\*

**Semester: Attempted 17.00; Earned 17.00; QPoints 66.80; GPA 3.929**  
**UG Cumulative: 17.00; 17.00; 66.80; 3.929**

### Spring 2019

**MAJOR: COMPUTER SCIENCE COLLEGE: COMP, MATH, & NAT SCI**

**Double Degree: MUSIC-LIBERAL ARTS PROGR**

CMSC132	OBJECT-ORIENTED PROG II	A	4.00	4.00	16.00
CPSS101	1ST-YR COLLOQUIUM II	A	1.00	1.00	4.00
CPSS240	SERV-LEARNING PRACTICUM	A+	3.00	3.00	12.00 DSSP, SCIS
MUSC099	PERFORMANCE ATTENDANCE	S	0.00	0.00	0.00
Non-Credit					
MUSC129A	CHAMBER STRINGS	A	1.00	1.00	4.00
MUSC151	THEORY OF MUSIC II	A-	3.00	3.00	11.10
MUSC229A	SYMPHONY ORCHESTRA	A	1.00	1.00	4.00
MUSP110E	PERFORM CELLO	A	2.00	2.00	8.00
STAT400	APPLIED PROB & STAT I	A+	3.00	3.00	12.00

### \*\* Semester Academic Honors \*\*

**Semester: Attempted 18.00; Earned 18.00; QPoints 71.10; GPA 3.950**  
**UG Cumulative: 35.00; 35.00; 137.90; 3.940**

### Summer II 2019

**MAJOR: COMPUTER SCIENCE COLLEGE: COMP, MATH, & NAT SCI**

**Double Degree: MUSIC-LIBERAL ARTS PROGR**

MATH246	DIFF EQN FOR SCI & ENGRS	A	3.00	3.00	12.00
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**Semester: Attempted 3.00; Earned 3.00; QPoints 12.00; GPA 4.000**  
**UG Cumulative: 38.00; 38.00; 149.90; 3.944**

### Fall 2019

**MAJOR: COMPUTER SCIENCE COLLEGE: COMP, MATH, & NAT SCI**

**Double Degree: MUSIC-LIBERAL ARTS PROGR**

CMSC216	INTRO TO CMPTR SYSTEMS	A	4.00	4.00	16.00
CMSC250	DISCRETE STRUCTURES	A	4.00	4.00	16.00
INAG110	ORAL COMMUNICATION	A	3.00	3.00	12.00 FSOC

MUSC099	PERFORMANCE ATTENDANCE	S	0.00	0.00	0.00
Non-Credit					
MUSC129A	CHAMBER STRINGS	A	1.00	1.00	4.00
MUSC229A	SYMPHONY ORCHESTRA	A	1.00	1.00	4.00
MUSC250	ADV THEORY MUSIC I	A+	4.00	4.00	16.00
MUSP207E	PERFORM CELLO	A	2.00	2.00	8.00

**\*\* Semester Academic Honors \*\***

**Semester:** Attempted 19.00; Earned 19.00; QPoints 76.00; GPA 4.000

**UG Cumulative:** 57.00; 57.00; 225.90; 3.963

**Spring 2020**

**MAJOR: COMPUTER SCIENCE** **COLLEGE: COMP, MATH, & NAT SCI**

**Double Degree: MUSIC-LIBERAL ARTS PROGR**

CMSC330	ORGNZTN PROGM LANG	A+	3.00	3.00	12.00
CMSC351	ALGORITHMS	A-	3.00	3.00	11.10
CPSS225	CAPSTONE SCI,TECH,SOCTY	A+	3.00	3.00	12.00 DSHS, SCIS
MUSC099	PERFORMANCE ATTENDANCE	NG	0.00	0.00	0.00
Non-Credit					
MUSC129A	CHAMBER STRINGS	A	1.00	1.00	4.00
MUSC210	IMPACT OF MUSIC ON LIFE	A+	3.00	3.00	12.00 DSHU, DVUP
MUSC229A	SYMPHONY ORCHESTRA	A	1.00	1.00	4.00
MUSC251	ADV THEORY MUSC II	A	4.00	4.00	16.00
MUSP208E	PERFORM CELLO	A	2.00	2.00	8.00

**\*\* Semester Academic Honors \*\*****\*\* College Park Scholars Citation \*\*****\*\* Science, Technology, and Society \*\***

Due to COVID-19 pandemic, unless the student elects the regular grading method per course, P grades for undergraduate courses and S grades for graduate courses in effect for Spring 2020, and allowed to satisfy all degree requirements.

**Semester:** Attempted 20.00; Earned 20.00; QPoints 79.10; GPA 3.955

**UG Cumulative:** 77.00; 77.00; 305.00; 3.961

**Fall 2020**

**MAJOR: COMPUTER SCIENCE** **COLLEGE: COMP, MATH, & NAT SCI**

**Double Degree: MUSIC-LIBERAL ARTS PROGR**

CMSC420	ADV DATA STRUCTURES	A	3.00	3.00	12.00
CMSC424	DATABASE DESIGN	A	3.00	3.00	12.00
ENGL393	TECHNICAL WRITING	A	3.00	3.00	12.00 FSPW
MATH241	CALCULUS III	A+	4.00	4.00	16.00
MUSC129A	CHAMBER STRINGS	A	1.00	1.00	4.00
MUSC229A	SYMPHONY ORCHESTRA	A	1.00	1.00	4.00
MUSC260	MUSIC AS GLOBAL CULTURE	A+	3.00	3.00	12.00 DSHU, DVUP
MUSP305E	PERFORM CELLO	A	2.00	2.00	8.00

**\*\* Semester Academic Honors \*\***

**Semester:** Attempted 20.00; Earned 20.00; QPoints 80.00; GPA 4.000

**UG Cumulative:** 97.00; 97.00; 385.00; 3.969

**Spring 2021**

**MAJOR: COMPUTER SCIENCE COLLEGE: COMP, MATH, & NAT SCI****Double Degree: MUSIC-LIBERAL ARTS PROGR****Double Degree: MATHEMATICS**

CMSC389B	TOUR OF PRGRMMNG LANG	A	1.00	1.00	4.00	
CMSC417	COMPUTER NETWORKS	A	3.00	3.00	12.00	
CMSC452	ELEM THRY COMPTNG	P	0.00	3.00	0.00	
ENES140	DISCOVERING NEW VENTURES	A+	3.00	3.00	12.00	DSSP
MATH410	ADV CALCULUS I	A-	3.00	3.00	11.10	
MUSC129A	CHAMBER STRINGS	A	1.00	1.00	4.00	
MUSC229A	SYMPHONY ORCHESTRA	A	1.00	1.00	4.00	
MUSC360	WESTRN MUSC BEFORE 1900	A+	3.00	3.00	12.00	
MUSP306E	PERFORM CELLO	A	2.00	2.00	8.00	

**\*\* Semester Academic Honors \*\*****Semester: Attempted 17.00; Earned 20.00; QPoints 67.10; GPA 3.947****UG Cumulative: 114.00; 117.00; 452.10; 3.965****Fall 2021****MAJOR: COMPUTER SCIENCE COLLEGE: COMP, MATH, & NAT SCI****Double Degree: MUSIC-LIBERAL ARTS PROGR****Double Degree: MATHEMATICS**

AMSC460	COMPUTATIONAL METHODS	A-	3.00	3.00	11.10	
CMSC412	OPERATING SYSTEMS	B	4.00	4.00	12.00	
CMSC456	CRYPTOGRAPHY	A	3.00	3.00	12.00	
MATH403	INTRO ABSTRACT ALGEBRA	A	3.00	3.00	12.00	
MUSC129A	CHAMBER STRINGS	A	1.00	1.00	4.00	
MUSC229A	SYMPHONY ORCHESTRA	A	1.00	1.00	4.00	
MUSC361	WESTRN MUSC AFTER 1900	A	3.00	3.00	12.00	
MUSP409E	PERFORM CELLO	A	2.00	2.00	8.00	

**\*\* Semester Academic Honors \*\*****Semester: Attempted 20.00; Earned 20.00; QPoints 75.10; GPA 3.755****UG Cumulative: 134.00; 137.00; 527.20; 3.934****Spring 2022****MAJOR: COMPUTER SCIENCE COLLEGE: COMP, MATH, & NAT SCI****Double Degree: MUSIC-LIBERAL ARTS PROGR****Double Degree: MATHEMATICS**

CMSC389T	INTRO TO PM TOOLS IN CS	A+	1.00	1.00	4.00	
CMSC430	INTRO TO COMPILERS	A+	3.00	3.00	12.00	
CMSC475	COMBINATORICS&GRAPH THRY	A-	3.00	3.00	11.10	
MATH405	LINEAR ALGEBRA	A-	3.00	3.00	11.10	
MATH406	INTRO NUMBER THEORY	A	3.00	3.00	12.00	
MUSC129A	CHAMBER STRINGS	A	1.00	1.00	4.00	
MUSC229A	SYMPHONY ORCHESTRA	A	1.00	1.00	4.00	
MUSC450	MUSICAL FORM	A	3.00	3.00	12.00	
MUSP410E	PERFORM CELLO	A	2.00	2.00	8.00	

**\*\* Semester Academic Honors \*\*****Semester: Attempted 20.00; Earned 20.00; QPoints 78.20; GPA 3.910****UG Cumulative: 154.00; 157.00; 605.40; 3.931****\*\* Degree Information \*\***

COLLEGE OF COMPUTER, MATH &amp; NATURAL SCI

Bachelor of Science

Awarded 05/20/22

**Cum Laude**

MATHEMATICS

**\*\* Degree Information \*\***

COLLEGE OF COMPUTER, MATH & NATURAL SCI

Bachelor of Science

Awarded 05/20/22

**Cum Laude**

COMPUTER SCIENCE

**\*\* Degree Information \*\***

COLLEGE OF ARTS AND HUMANITIES

Bachelor of Arts

Awarded 05/20/22

**Cum Laude**

MUSIC-LIBERAL ARTS PROGRAM

SPECIALIZATION: STRINGS PERFORMANCE

**UG Cumulative Credit : 202.00**

**UG Cumulative GPA : 3.931**