

## **Unofficial Transcript**

Name: Richard Ho Student ID: 004899568

6650 Elegant Tern Pl Student Address: Carlsbad, CA 92011

Institution Info: California State University San Marcos

Print Date: 06/14/2022

Degree:

Degrees Awarded Bachelor of Science

Confer Date: 05/19/2022 Magna Cum Laude Degree Honors: Major in Computer Science Minor in Mathematics Plan:

Transfer Credits

Transfer Credit from MiraCosta College Applied Toward Undergraduate

ints Attempted Earned **Points** Ter 100 Course Trans GPA: 28.000 4.000 Transfer Totals: 12.000 12.000 **GPA Units** Attempted Earned CSUSM GPA 3.943 CSUSM Totals 16.000 16.000 16.000 Transfer Credit from Palomar College

Applied Toward Undergraduate **Attempted** Earned

**Points** 3.000 12.000 Course Trans GPA: 4.000 Transfer Totals: 3.000

**Test Credits** 

Test Credits Applied Toward Undergraduate

Fall 2018

GEO 102 ORAL 3.000 3.000 Α 12.000 Course Description **Grade Points Attempted** Earned COMMUNICATION HIST 130 US HIST 1500-3.000 CR 0.000 3.000 HIST 101 WORLD 3.000 3.000 Α 12.000 1877 **CIVILIZATIONS TO** HIST 131 US HIST 1877-3.000 3.000 CR 0.000 1500 PRESENT CALC W/ MATH 160 5.000 5.000 20.000 APPLICATIONS I Test Trans GPA: 0.000 Transfer Totals: 6.000 6.000 0.000 PHIL 110 12.000 CRITICAL 3.000 3.000 Α THINKING

Academic Program History

Undergraduate Program: 04/12/2018: Active in Program 04/12/2018:

Major in Computer Science

Program: Undergraduate 04/16/2018: Active in Program 04/16/2018:

Major in Computer Science

Undergraduate Program: 03/27/2019: Active in Program

03/27/2019:

03/27/2019:

Major in Computer Science Minor in Mathematics

Beginning of Undergraduate Record

		Fall 20	18			
Course		<u>Description</u>	Attempted	Earned	<u>Grade</u>	<u>Points</u>
GEL	101	THE STDT,UNIV, COMMUNITY	3.000	3.000	Α	12.000
GES	103	LIFE& ENVIR SCI AROUND US	3.000	3.000	Α	12.000
GEW	101B	Writing as Rhetorical Act	3.000	3.000	A-	11.100
MATH	125	PRE-CALCULUS	4.000	4.000	Α	16.000
PSCI	100	US GOVERNMENT & POLITICS	3.000	3.000	Α	12.000
			<u>Attempted</u>	Earned	<b>GPA Units</b>	<b>Points</b>
Term GPA		3.943 Term Totals	16.000	16.000	16.000	63.100

**Points** 63.100 3.943 Overall Totals Overall GPA 22.000 22.000 16.000 63.100

Academic Standing Effective 01/07/2019: Good Standing

Term Honor: Dean's List

Overall GPA

Course Description Attempted Earned **Grade Points** CS 111 COMPUTER 4.000 4.000 Α 16.000 SCIENCE I

Spring 2019

**Attempted** Earned **GPA Units Points** Term GPA 4.000 Term Totals 18.000 18.000 18.000 72.000 **GPA Units Points Attempted** Earned 3.973 CSUSM Totals CSUSM GPA 34.000 34.000 34.000 135.100

40.000

40.000

34.000

135,100

3.973 Overall Totals



## **Unofficial Transcript**

Term Honor: Dean's List

E-II 2020

Name: Richard Ho Student ID: 004899568

Academic Standing Effective 05/30/2019: Good Standing

Term Honor: Dean's List

Tellii Hollor. De	ball 5 List								Fall 20	20			
							Course		<u>Description</u>	<u>Attempted</u>	Earned	<u>Grade</u>	<u>Points</u>
Course		Fall 20 Description	019 Attempted	Earned	Grade	Points	CS	351	PROGRAMMING LANGUAGES	3.000	3.000	Α	12.000
CS	211	COMPUTER	4.000	4.000	B+	13.200	CS	433	OPERATING	3.000	3.000	C+	6.900
CS	231	SCIENCE II ASSEM LANG & DIG	4.000	4.000	B+	13.200	MATH	480	SYSTEMS INTRO TO	3.000	3.000	A-	11.100
MATH	162	CIR CALC W/	4.000	4.000	Α	16.000	PHIL	345	OPTMZATION BIOETHICS & MEDICAL ETHICS	3.000	3.000	Α	12.000
MATH	270	APPLICATIONS II BASIC DISCRETE MATH	3.000	3.000	Α	12.000			WEDICAL ETTICS	Attempted	Earned	GPA Units	<u>Points</u>
		WATH	Attempted	Earned	GPA Units	<u>Points</u>	Term GPA		3.500 Term Totals	12.000	12.000	12.000	42.000
Term GPA		3.626 Term Totals	15.000	15.000	15.000	54.400				Attempted	Earned	GPA Units	<u>Points</u>
			Attempted	Earned	GPA Units	<u>Points</u>	CSUSM GPA		3.814 CSUSM Totals	77.000	77.000	74.000	282.300
CSUSM GPA		3.867 CSUSM Totals	49.000	49.000	49.000	189.500	Overall GPA		3.836 Overall Totals	98.000	98.000	84.000	322.300
Overall GPA		3.883 Overall Totals	67.000	67.000	56.000	217.500	Academic Stand	ling Effectiv	e 01/07/2021: Good Standing				
Academic Stand	ding Effective	ve 01/07/2020: Good Standing					Term Honor: De	an's List					
Term Honor: De	ean's List								Spring 2	2021			
Term Honor: De	ean's List						<u>Course</u>		Spring 2 <u>Description</u>	2021 Attempted	<u>Earned</u>	<u>Grade</u>	<u>Points</u>
Term Honor: De	ean's List	Spring 2	2020					421		Attempted		<u>Grade</u> A	
Term Honor: De	ean's List	Spring 2 <u>Description</u>	2020 <u>Attempted</u>	<u>Earned</u>	<u>Grade</u>	<u>Points</u>	Course CS CS	421 436	Description		Earned 3.000 3.000		<u>Points</u> 12.000 11.100
	ean's List 311			<u>Earned</u> 3.000	<u>Grade</u> A	<u>Points</u> 12.000	CS		Description THEORY OF COMP	Attempted 3.000	3.000	Α	12.000
<u>Course</u> CS	311	<u>Description</u> DATA STRUCTURES & ALG	Attempted 3.000	3.000	A	12.000	CS CS	436 499C	Description THEORY OF COMP INTRO TO NETWORKING INDEP RESEARCH IN CS	3.000 3.000 3.000	3.000 3.000 3.000	A A-	12.000 11.100 12.000
Course		Description  DATA  STRUCTURES &	<u>Attempted</u>				CS CS	436	Description THEORY OF COMP INTRO TO NETWORKING INDEP RESEARCH	Attempted 3.000 3.000	3.000 3.000	A A-	12.000 11.100
Course CS CS	311 331 374	Description DATA STRUCTURES & ALG COMPUTER ARCHITECTURE LINEAR ALGEBRA	3.000 3.000 3.000	3.000 3.000 3.000	A CR	12.000 0.000 12.000	CS CS	436 499C	Description THEORY OF COMP INTRO TO NETWORKING INDEP RESEARCH IN CS INTRO TO STATISTICS FAMILIES &	3.000 3.000 3.000	3.000 3.000 3.000	A A-	12.000 11.100 12.000
Course CS CS MATH MUSC	311 331 374 120	Description DATA STRUCTURES & ALG COMPUTER ARCHITECTURE LINEAR ALGEBRA INTRO TO MUSC	3.000 3.000 3.000 3.000 3.000	3.000 3.000 3.000 3.000	CR A A	12.000 0.000 12.000 12.000	CS CS CS MATH	436 499C 242	Description THEORY OF COMP INTRO TO NETWORKING INDEP RESEARCH IN CS INTRO TO STATISTICS FAMILIES & INTIMATE	3.000 3.000 3.000 3.000	3.000 3.000 3.000 3.000	A A- A	12.000 11.100 12.000 12.000
Course CS CS	311 331 374	Description DATA STRUCTURES & ALG COMPUTER ARCHITECTURE LINEAR ALGEBRA	3.000 3.000 3.000	3.000 3.000 3.000	A CR	12.000 0.000 12.000	CS CS CS MATH	436 499C 242	Description THEORY OF COMP INTRO TO NETWORKING INDEP RESEARCH IN CS INTRO TO STATISTICS FAMILIES &	3.000 3.000 3.000 3.000 3.000 3.000	3.000 3.000 3.000 3.000 3.000	A A- A A	12.000 11.100 12.000 12.000 12.000
Course CS CS MATH MUSC	311 331 374 120	Description  DATA  STRUCTURES & ALG  COMPUTER  ARCHITECTURE LINEAR ALGEBRA INTRO TO MUSC PHYSICS OF MECH	3.000 3.000 3.000 3.000 3.000	3.000 3.000 3.000 3.000	CR A A	12.000 0.000 12.000 12.000	CS CS CS MATH SOC	436 499C 242	Description THEORY OF COMP INTRO TO NETWORKING INDEP RESEARCH IN CS INTRO TO STATISTICS FAMILIES & INTIMATE RELATIONS	3.000 3.000 3.000 3.000 3.000 3.000 Attempted	3.000 3.000 3.000 3.000 3.000	A A- A A A A GPA Units	12.000 11.100 12.000 12.000 12.000 Points
Course CS CS MATH MUSC	311 331 374 120	Description  DATA  STRUCTURES & ALG  COMPUTER  ARCHITECTURE LINEAR ALGEBRA INTRO TO MUSC PHYSICS OF MECH	3.000 3.000 3.000 3.000 4.000	3.000 3.000 3.000 3.000 4.000	A CR A A A-	12.000 0.000 12.000 12.000 14.800	CS CS CS MATH	436 499C 242	Description THEORY OF COMP INTRO TO NETWORKING INDEP RESEARCH IN CS INTRO TO STATISTICS FAMILIES & INTIMATE	3.000 3.000 3.000 3.000 3.000 3.000	3.000 3.000 3.000 3.000 3.000 Earned 15.000	A A A A A SGPA Units 15.000	12.000 11.100 12.000 12.000 12.000 Points 59.100
Course CS CS MATH MUSC PHYS	311 331 374 120	Description DATA STRUCTURES & ALG COMPUTER ARCHITECTURE LINEAR ALGEBRA INTRO TO MUSC PHYSICS OF MECH & SOUND	3.000 3.000 3.000 3.000 4.000 Attempted 16.000	3.000 3.000 3.000 4.000 Earned 16.000	A CR A A A- GPA Units 13.000	12.000  0.000  12.000 12.000 14.800  Points 50.800	CS CS CS MATH SOC	436 499C 242	Description THEORY OF COMP INTRO TO NETWORKING INDEP RESEARCH IN CS INTRO TO STATISTICS FAMILIES & INTIMATE RELATIONS	3.000 3.000 3.000 3.000 3.000 3.000 Attempted	3.000 3.000 3.000 3.000 3.000	A A- A A A A GPA Units	12.000 11.100 12.000 12.000 12.000 Points
Course CS CS MATH MUSC PHYS	311 331 374 120	Description DATA STRUCTURES & ALG COMPUTER ARCHITECTURE LINEAR ALGEBRA INTRO TO MUSC PHYSICS OF MECH & SOUND  3.907 Term Totals	3.000 3.000 3.000 3.000 4.000 Attempted 16.000 Attempted	3.000 3.000 3.000 4.000 Earned 16.000 Earned	A CR A A A- GPA Units 13.000 GPA Units	12.000  0.000  12.000 12.000 14.800  Points 50.800  Points	CS CS CS MATH SOC	436 499C 242	Description THEORY OF COMP INTRO TO NETWORKING INDEP RESEARCH IN CS INTRO TO STATISTICS FAMILIES & INTIMATE RELATIONS	3.000 3.000 3.000 3.000 3.000 3.000 Attempted 15.000	3.000 3.000 3.000 3.000 3.000 Earned 15.000	A A A A A SGPA Units 15.000	12.000 11.100 12.000 12.000 12.000 Points 59.100
Course CS CS MATH MUSC PHYS	311 331 374 120	Description DATA STRUCTURES & ALG COMPUTER ARCHITECTURE LINEAR ALGEBRA INTRO TO MUSC PHYSICS OF MECH & SOUND	3.000 3.000 3.000 3.000 4.000 Attempted 16.000	3.000 3.000 3.000 4.000 Earned 16.000	A CR A A A- GPA Units 13.000	12.000  0.000  12.000 12.000 14.800  Points 50.800	CS CS CS MATH SOC	436 499C 242	Description THEORY OF COMP INTRO TO NETWORKING INDEP RESEARCH IN CS INTRO TO STATISTICS FAMILIES & INTIMATE RELATIONS  3.940 Term Totals	3.000 3.000 3.000 3.000 3.000 3.000 Attempted 15.000 Attempted	3.000 3.000 3.000 3.000 3.000 Earned	A A A A A S GPA Units 15.000 GPA Units	12.000 11.100 12.000 12.000 12.000 Points 59.100

In Spring 2020, the impact of the coronavirus pandemic (COVID-19) led to a rapid move to remote and virtual learning, as well as temporary changes in university academic/grading policies.

86.000

86.000

72.000

280.300

Academic Standing Effective 06/04/2020: Good Standing

3.893 Overall Totals

Overall GPA

Academic Standing Effective 06/03/2021: Good Standing

Term Honor: Dean's List



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Name: **Richard Ho** Student ID: 004899568

Fall 2021								
Course			escription	<u>Attempted</u>	Earned	<u>Grade</u>	<u>Points</u>	
CS	443		ATABASE MGMT /S	3.000	3.000	Α	12.000	
CS	471		RTIFICIAL INTEL	3.000	3.000	Α	12.000	
CS	478		TRO TO DEEP ARNING	3.000	3.000	Α	12.000	
MATH	464	NU	JMER ANALYSIS COMP	3.000	3.000	С	6.000	
				Attempted	Earned	GPA Units	<u>Points</u>	
Term GPA		3.500	Term Totals	12.000	12.000	12.000	42.000	
				Attempted	Earned	GPA Units	<u>Points</u>	
CSUSM GPA		3.796	CSUSM Totals	104.000	104.000	101.000	383.400	
Overall GPA		3.814	Overall Totals	125.000	125.000	111.000	423.400	
Academic Standin	g Effective	e 01/06/2	2022: Good Standing					
Term Honor: Dear	n's List							
			Carino	2022				
Course		De	escription	Attempted	Earned	Grade	<u>Points</u>	
CS	441	SC	OFTWARE ENG	3.000	3.000	Α	12.000	
CS	452		TRO COMP	3.000	3.000	A-	11.100	
CS	485	G/	ECURITY AME ROGRAMMING	3.000	3.000	Α	12.000	
CS	597-2	ST	T: MOBILE AND	3.000	3.000	A-	11.100	
				Attempted	Earned	GPA Units	<u>Points</u>	
Term GPA		3.850	Term Totals	12.000	12.000	12.000	46.200	
				Attempted	Earned	GPA Units	<u>Points</u>	
CSUSM GPA		3.801	CSUSM Totals	116.000	116.000	113.000	429.600	
Overall GPA		3.817	Overall Totals	137.000	137.000	123.000	469.600	
Academic Standing Effective 06/02/2022: Good Standing								
Term Honor: Dear	n's List							
Undergraduate Ca		ls						
CSUSM Cum GP/		3.801	CSUSM Totals	116.000	116.000	113.000	429.600	
Transfer Cum GP	A	4.000	Transfer Totals	21.000	21.000	10.000	40.000	
Overall Cum GPA		3.817		137.000	137.000	123.000	469.600	
Written Communic	cation Mile	estone	Non-Course	Milestones				

Status:

Not Completed Undergraduate Placement in a GE A2 Course Written Communication Milestone Program: Milestone Level: Milestone Title:

Math Milestone

Status: Program: Milestone Level: Not Completed Undergraduate Placement in a GE B4 Course

Milestone Title: Math Milestone

End of Unofficial Transcript