

Undergraduate Unofficial Transcript

Name: Ma, Juju
Student ID: 20761836
Ontario Education Nbr: 220843353

Beginning of Undergraduate Record

Fall 2018

Program: Mathematics, Honours, Co-operative Program
Level: 1A Load: Full-Time Form Of Study: Enrolment

Course	Description	Attempted	Earned	Grade
CS 135	Designing Functional Programs	0.50	0.50	80
ECON 101	Introduction to Microeconomics	0.50	0.50	68
EMLS 129R	Written Academic English	0.50	0.50	87
MATH 135	Algebra for Honours Mathematics	0.50	0.50	81
MATH 137	Calculus 1 for Honours Mathematics	0.50	0.50	86
		<u>In GPA</u>	<u>Earned</u>	
Term GPA	80.40 Term Totals	2.50	2.50	
Cumulative GPA	80.40 Cumulative Totals	2.50	2.50	
Major Average:	82.33 Mathematics, Honours, Co-operative Program			
Faculty Average:	82.33 Mathematics, Honours, Co-operative Program			
Academic Standing: Excellent standing Effective 01/18/2019				

Winter 2019

Program: Mathematics, Honours, Co-operative Program
Level: 1B Load: Full-Time Form Of Study: Enrolment

Course	Description	Attempted	Earned	Grade
CS 136	Elementary Algorithm Design and Data Abstraction	0.50	0.50	75
EMLS 101R	Oral Communications for Academic Purposes	0.50	0.50	73
MATH 136	Linear Algebra 1 for Honours Mathematics	0.50	0.50	74
MATH 138	Calculus 2 For Honours Mathematics	0.50	0.50	64
SPAN 101	Introduction to Spanish 1	0.50	0.50	88
		<u>In GPA</u>	<u>Earned</u>	
Term GPA	74.80 Term Totals	2.50	2.50	
Cumulative GPA	77.60 Cumulative Totals	5.00	5.00	
Major Average:	76.67 Mathematics, Honours, Co-operative Program			
Faculty Average:	76.67 Mathematics, Honours, Co-operative Program			
Academic Standing: Good standing Effective 05/22/2019				

Spring 2019

Program: Computational Mathematics, Honours, Co-operative Program
Level: 2A Load: Full-Time Form Of Study: Enrolment

Course	Description	Attempted	Earned	Grade
CLAS 104	Classical Mythology	0.50	0.50	72
CS 234	Data Types and Structures	0.50	0.50	77
CS 246	Object-Oriented Software Development	0.50	0.50	68
MATH 235	Linear Algebra 2 for Honours Mathematics	0.50	0.50	56
PD 1	Career Fundamentals	0.50	0.00	CR
STAT 230	Probability	0.50	0.50	70
		<u>In GPA</u>	<u>Earned</u>	
Term GPA	68.60 Term Totals	3.00	2.50	
Cumulative GPA	74.60 Cumulative Totals	7.50	7.50	
Major Average:	73.10 Computational Mathematics, Honours, Co-operative Program			
Faculty Average:	73.10 Computational Mathematics, Honours, Co-operative Program			
Academic Standing: Good standing Effective 09/18/2019				

Fall 2019

Program: Computational Mathematics, Honours, Co-operative Program
Level: 2B Load: Part-Time Form Of Study: Co-op Work Term

Course	Description	Attempted	Earned	Grade
COOP 1	Co-operative Work Term	0.50	0.00	CR
PD 11	Processes for Technical Report Writing	0.50	0.00	CR
		<u>In GPA</u>	<u>Earned</u>	
Term GPA	0.00 Term Totals	1.00	0.00	
Cumulative GPA	74.60 Cumulative Totals	7.50	7.50	

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Winter 2020

Program: Computational Mathematics, Honours, Co-operative Program
Level: 2B Load: Full-Time Form Of Study: Enrolment

COVID-19 impacted assessment methods and performance in many courses this term.

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
CS	245	Logic and Computation	0.50	0.50	CR
MATH	237	Calculus 3 for Honours Mathematics	0.50	0.50	75
MATH	239	Introduction to Combinatorics	0.50	0.50	CR
SPAN	102	Introduction to Spanish 2	0.50	0.50	90
STAT	231	Statistics	0.50	0.50	76

			<u>In GPA</u>	<u>Earned</u>	
Term GPA	80.33	Term Totals	2.50	2.50	
Cumulative GPA	75.56	Cumulative Totals	9.00	10.00	
Major Average:	73.50	Computational Mathematics, Honours, Co-operative Program			
Faculty Average:	73.50	Computational Mathematics, Honours, Co-operative Program			
Academic Standing:	Good standing	Effective 05/27/2020			
Term Honours:	Term Distinction				

Spring 2020

Program: Computational Mathematics, Honours, Co-operative Program
Level: 3A Load: Full-Time Form Of Study: Co-op Work Term

COVID-19 impacted ability to obtain employment for spring 2020 work term. Student can graduate with one fewer work terms.

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
CS	230	Introduction to Computers and Computer Systems	0.50	0.50	91
CS	231	Algorithmic Problem Solving	0.50	0.50	86
CS	330	Management Information Systems	0.50	0.50	83
CS	371	Introduction to Computational Mathematics	0.50	0.50	63
PD	10	Professional Responsibility in Computing	0.50	0.00	CR

			<u>In GPA</u>	<u>Earned</u>	
Term GPA	80.75	Term Totals	2.50	2.00	
Cumulative GPA	76.50	Cumulative Totals	11.00	12.00	
Major Average:	75.31	Computational Mathematics, Honours, Co-operative Program			
Faculty Average:	75.31	Computational Mathematics, Honours, Co-operative Program			
Academic Standing:	Good standing	Effective 09/15/2020			
Term Honours:	Term Distinction				

Fall 2020

Program: Computational Mathematics, Honours, Co-operative Program
Level: 3B Load: Full-Time Form Of Study: Enrolment

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
CS	431	Data-Intensive Distributed Analytics	0.50	0.50	87
SPAN	201A	Intermediate Spanish 1	0.50	0.50	95
STAT	442	Data Visualization	0.50	0.50	51

			<u>In GPA</u>	<u>Earned</u>	
Term GPA	77.67	Term Totals	1.50	1.50	
Cumulative GPA	76.64	Cumulative Totals	12.50	13.50	
Major Average:	74.61	Computational Mathematics, Honours, Co-operative Program			
Faculty Average:	74.61	Computational Mathematics, Honours, Co-operative Program			
Academic Standing:	Good Standing	Effective 01/21/2021			

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Winter 2021

Program: Computational Mathematics, Honours, Co-operative Program
Level: 3B Load: Part-Time Form Of Study: Co-op Work Term

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
CHEM	120	General Chemistry 1	0.50	0.50	82
COOP	2	Co-operative Work Term	0.50	0.00	CR
PD	5	Project Management	0.50	0.00	CR
WKRPT	200M	Work-term Report	0.13	0.13	CR
			<u>In GPA</u>	<u>Earned</u>	
Term GPA		82.00 Term Totals	1.63	0.63	
Cumulative GPA		76.85 Cumulative Totals	13.00	14.13	
Major Average:		74.61 Computational Mathematics, Honours, Co-operative Program			
Faculty Average:		74.61 Computational Mathematics, Honours, Co-operative Program			
Academic Standing: Good Standing Effective 05/19/2021					
Term Honours: Term Distinction					

Spring 2021

Program: Computational Mathematics, Honours, Co-operative Program
Level: 3B Load: Full-Time Form Of Study: Enrolment

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
CHEM	123	General Chemistry 2	0.50	0.50	90
CS	475	Computational Linear Algebra	0.50	0.50	85
STAT	341	Computational Statistics and Data Analysis	0.50	0.50	86
			<u>In GPA</u>	<u>Earned</u>	
Term GPA		87.00 Term Totals	1.50	1.50	
Cumulative GPA		77.90 Cumulative Totals	14.50	15.63	
Major Average:		75.70 Computational Mathematics, Honours, Co-operative Program			
Faculty Average:		75.70 Computational Mathematics, Honours, Co-operative Program			
Academic Standing: Good Standing Effective 09/14/2021					
Term Honours: Term Distinction					

Fall 2021

Program: Computational Mathematics, Honours, Co-operative Program
Level: 4A Load: Part-Time Form Of Study: Co-op Work Term

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
CHEM	220	Intro Analytical Chemistry	0.50	0.50	54
COOP	3	Co-operative Work Term	0.50	0.00	CR
WKRPT	300M	Work-term Report	0.13	0.13	CR
			<u>In GPA</u>	<u>Earned</u>	
Term GPA		54.00 Term Totals	1.13	0.63	
Cumulative GPA		77.10 Cumulative Totals	15.00	16.26	
Major Average:		75.70 Computational Mathematics, Honours, Co-operative Program			
Faculty Average:		75.70 Computational Mathematics, Honours, Co-operative Program			
Academic Standing: Good Standing Effective 01/20/2022					

Winter 2022

Program: Computational Mathematics, Honours, Co-operative Program
Level: 4A Load: Full-Time Form Of Study: Enrolment

<u>Course</u>		<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
ASL	101R	American Sign Language 1	0.50	0.50	97
REC	100	Introduction to the Study of Recreation and Leisure	0.50	0.50	62
SMF	101	Introduction to Relationships and Families	0.50	0.50	57
			<u>In GPA</u>	<u>Earned</u>	
Term GPA		72.00 Term Totals	1.50	1.50	
Cumulative GPA		76.64 Cumulative Totals	16.50	17.76	
Major Average:		75.70 Computational Mathematics, Honours, Co-operative Program			
Faculty Average:		75.70 Computational Mathematics, Honours, Co-operative Program			

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Spring 2022

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<u>Course</u>	<u>Description</u>	<u>Attempted</u>	<u>Earned</u>	<u>Grade</u>
PD 8	Intercultural Skills			

Milestones

<u>Date Completed</u>	<u>Description</u>	<u>Status</u>
12/31/2018	Undergraduate Communication Requirement - Part 1	Completed
04/30/2019	Undergraduate Communication Requirement	Completed
12/31/2019	Work Report 1	Completed
12/31/2019	Work Term 1	Completed
08/31/2020	Work Term Exemption	Completed
04/30/2021	Work Report 2	Completed
04/30/2021	Work Term 2	Completed
12/31/2021	Work Report 3	Completed
12/31/2021	Work Term 3	Completed

Scholarships and Awards

2019 University of Waterloo President's Scholarship

End of Undergraduate Unofficial Transcript