Undergraduate Unofficial Transcript

Name: **Rampersad, Josh**
Student ID: **20750656**
Ontario Education Nbr: **143559334**

Degrees Awarded

Degree:	Bachelor of Computer Science
Confer Date:	06/06/2022
Degree Honours:	Distinction
	Computer Science, Honours, Co-operative Program
	Music Minor

Beginning of Undergraduate Record

Fall 2017

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	88
MATH	135	Algebra for Honours Mathematics	0.50	0.50	75
MATH	138	Calculus 2 For Honours Mathematics	0.50	0.50	84
MUSIC	110	Music in Cultural Contexts	0.50	0.50	88
MUSIC	116	Music Ensemble	0.25	0.25	CR
SPCOM	223	Public Speaking	0.50	0.50	87
			In GPA	Earned	
Term GPA		84.40 Term Totals	2.75	2.75	
Cumulative GPA		84.40 Cumulative Totals	2.50	4.25	
Major Average:		82.33 Mathematics, Honours, Co-operative Program			
Faculty Average:		82.33 Mathematics, Honours, Co-operative Program			

Academic Standing: Excellent standing Effective 12/31/2017

Winter 2018

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

Course		Description	Attempted	Earned	Grade
CS	136	Elementary Algorithm Design and Data Abstraction	0.50	0.50	78
MATH	136	Linear Algebra 1 for Honours Mathematics	0.50	0.50	74
MUSIC	117	Music Ensemble	0.25	0.25	CR
MUSIC	270	Music Theory 1	0.50	0.50	90
PD	1	Career Fundamentals	0.50	0.00	CR
SPCOM	100	Interpersonal Communication	0.50	0.50	89
STAT	230	Probability	0.50	0.50	63
			In GPA	Earned	
Term GPA		78.80 Term Totals	3.25	2.75	
Cumulative GPA		81.60 Cumulative Totals	5.00	7.00	
Major Average:		77.00 Mathematics, Honours, Co-operative Program			
Faculty Average:		77.00 Mathematics, Honours, Co-operative Program			

Academic Standing: Excellent standing Effective 05/18/2018

Spring 2018

Program: 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
			In GPA	Earned	
Term GPA		0.00 Term Totals	1.00	0.00	
Cumulative GPA		81.60 Cumulative Totals	5.00	7.00	

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Fall 2018

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

Course		Description	Attempted	Earned	Grade
CS	245	Logic and Computation	0.50	0.50	85
CS	246E	Object-Oriented Software Development (Enriched)	0.50	0.50	96
MUSIC	216	Music Ensemble	0.25	0.25	CR
MUSIC	217	Music Ensemble	0.25	0.25	CR
MUSIC	222	Conducting 1	0.50	0.50	88
SMF	204	Introduction to Human Sexuality	0.50	0.50	76
			In GPA	Earned	
Term GPA		86.25 Term Totals	2.50	2.50	
Cumulative GPA		82.93 Cumulative Totals	7.00	9.50	
Major Average:		80.38 Mathematics, Honours, Co-operative Program			
Faculty Average:		80.38 Mathematics, Honours, Co-operative Program			

Academic Standing: Excellent standing Effective 01/18/2019

Winter 2019

Program: Computer Science, Honours, Co-operative Program
Level: 3A   Load: Full-Time   Form Of Study: Enrolment

Course		Description	Attempted	Earned	Grade
CS	240	Data Structures and Data Management	0.50	0.50	75
CS	241	Foundations of Sequential Programs	0.50	0.50	87
CS	251	Computer Organization and Design	0.50	0.50	79
MUSIC	322	Conducting 2	0.50	0.50	87
PACS	202	Conflict Resolution	0.50	0.50	88
			In GPA	Earned	
Term GPA		83.20 Term Totals	2.50	2.50	
Cumulative GPA		83.00 Cumulative Totals	9.50	12.00	
Major Average:		83.33 Computer Science, Honours, Co-operative Program			
Faculty Average:		80.36 Computer Science, Honours, Co-operative Program			

Academic Standing: Excellent standing Effective 05/22/2019

Spring 2019

Program: Computer Science, Honours, Co-operative Program
            Music Minor
Level: 3B   Load: Part-Time   Form Of Study: Co-op Work Term

Course		Description	Attempted	Earned	Grade
COOP	2	Co-operative Work Term	0.50	0.00	CR
MATH	239	Introduction to Combinatorics	0.50	0.50	78
PD	10	Professional Responsibility in Computing	0.50	0.00	CR
WKRPT	200M	Work-term Report	0.13	0.00	89
			In GPA	Earned	
Term GPA		78.00 Term Totals	1.63	0.50	
Cumulative GPA		82.75 Cumulative Totals	10.00	12.50	
Major Average:		83.33 Computer Science, Honours, Co-operative Program			
Faculty Average:		80.17 Computer Science, Honours, Co-operative Program			

Academic Standing: Excellent standing Effective 09/18/2019

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Fall 2019

Program: Computer Science, Honours, Co-operative Program
               Music Minor
Level: 3B   Load: Full-Time   Form Of Study: Enrolment

Course		Description	Attempted	Earned	Grade
CS	341	Algorithms	0.50	0.50	82
CS	350	Operating Systems	0.50	0.50	90
SCI	267	Introduction to the Philosophy of Science	0.50	0.50	84
STAT	231	Statistics	0.50	0.50	71
			In GPA	Earned	
Term GPA		81.75 Term Totals	2.00	2.00	
Cumulative GPA		82.58 Cumulative Totals	12.00	14.50	

Major Average: 84.00 Computer Science, Honours, Co-operative Program
Faculty Average: 80.33 Computer Science, Honours, Co-operative Program
Academic Standing: Excellent standing Effective 01/21/2020

Winter 2020

Program: Computer Science, Honours, Co-operative Program
               Music Minor
Level: 4A   Load: Part-Time   Form Of Study: Co-op Work Term

Course		Description	Attempted	Earned	Grade
COOP	3	Co-operative Work Term	0.50	0.00	CR
PD	8	Intercultural Skills	0.50	0.00	CR
WKRPT	300M	Work-term Report	0.13	0.00	CR
			In GPA	Earned	
Term GPA		0.00 Term Totals	1.13	0.00	
Cumulative GPA		82.58 Cumulative Totals	12.00	14.50	

Spring 2020

Program: Computer Science, Honours, Co-operative Program
               Music Minor
Level: 4A   Load: Full-Time   Form Of Study: Enrolment

Course		Description	Attempted	Earned	Grade
CS	360	Introduction to the Theory of Computing	0.50	0.50	90
CS	486	Introduction to Artificial Intelligence	0.50	0.50	97
MUSIC	140	Popular Music and Culture	0.50	0.50	98
			In GPA	Earned	
Term GPA		95.00 Term Totals	1.50	1.50	
Cumulative GPA		83.96 Cumulative Totals	13.50	16.00	

Major Average: 85.90 Computer Science, Honours, Co-operative Program
Faculty Average: 81.88 Computer Science, Honours, Co-operative Program
Academic Standing: Excellent standing Effective 09/15/2020
Term Honours: Term Distinction

Fall 2020

Program: Computer Science, Honours, Co-operative Program
               Music Minor
Level: 4A   Load: Part-Time   Form Of Study: Co-op Work Term

Course		Description	Attempted	Earned	Grade
COOP	4	Co-operative Work Term	0.50	0.00	CR
MUSIC	246	Soundtracks: Music in Film	0.50	0.50	93
WKRPT	400M	Work-term Report	0.13	0.13	CR
			In GPA	Earned	
Term GPA		93.00 Term Totals	1.13	0.63	
Cumulative GPA		84.29 Cumulative Totals	14.00	16.63	

Major Average: 85.90 Computer Science, Honours, Co-operative Program
Faculty Average: 81.88 Computer Science, Honours, Co-operative Program
Academic Standing: Excellent Standing Effective 01/21/2021
Term Honours: Term Distinction

Undergraduate Unofficial Transcript

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Winter 2021

Program: Computer Science, Honours, Co-operative Program
Music Minor
Level: 4A   Load: Full-Time   Form Of Study: Enrolment

Course		Description	Attempted	Earned	Grade
CS	444	Compiler Construction	0.50	0.50	98
CS	462	Formal Languages and Parsing	0.50	0.50	85
MUSIC	332	Aesthetics of Music	0.50	0.50	96
			In GPA	Earned	
Term GPA		93.00 Term Totals	1.50	1.50	
Cumulative GPA		85.13 Cumulative Totals	15.50	18.13	
Major Average:		86.83 Computer Science, Honours, Co-operative Program			
Faculty Average:		82.90 Computer Science, Honours, Co-operative Program			

Academic Standing: Excellent Standing Effective 05/19/2021
Term Honours: Term Distinction

Spring 2021

Program: Computer Science, Honours, Co-operative Program
Music Minor
Level: 4B   Load: Part-Time   Form Of Study: Co-op Work Term

Course		Description	Attempted	Earned	Grade
COOP	5	Co-operative Work Term	0.50	0.00	CR
PD	9	Ethical Decision Making	0.50	0.00	CR
			In GPA	Earned	
Term GPA		0.00 Term Totals	1.00	0.00	
Cumulative GPA		85.13 Cumulative Totals	15.50	18.13	
Major Average:		86.83 Computer Science, Honours, Co-operative Program			
Faculty Average:		82.90 Computer Science, Honours, Co-operative Program			

Fall 2021

Program: Computer Science, Honours, Co-operative Program
Music Minor
Level: 4B   Load: Part-Time   Form Of Study: Co-op Work Term

Course		Description	Attempted	Earned	Grade
COOP	6	Co-operative Work Term	0.50	0.00	CR
			In GPA	Earned	
Term GPA		0.00 Term Totals	0.50	0.00	
Cumulative GPA		85.13 Cumulative Totals	15.50	18.13	
Major Average:		86.83 Computer Science, Honours, Co-operative Program			
Faculty Average:		82.90 Computer Science, Honours, Co-operative Program			

Winter 2022

Program: Computer Science, Honours, Co-operative Program
Music Minor
Level: 4B   Load: Full-Time   Form Of Study: Enrolment

Course		Description	Attempted	Earned	Grade
CS	442	Principles of Programming Languages	0.50	0.50	99
CS	456	Computer Networks	0.50	0.50	90
MUSIC	333	Music and Landscape	0.50	0.50	100
PHIL	207J	Philosophy and J.R.R. Tolkien	0.50	0.50	95
Course Topic:		The Lord of the Rings			
			In GPA	Earned	
Term GPA		96.00 Term Totals	2.00	2.00	
Cumulative GPA		86.37 Cumulative Totals	17.50	20.13	
Major Average:		87.93 Computer Science, Honours, Co-operative Program			
Faculty Average:		84.00 Computer Science, Honours, Co-operative Program			

Academic Standing: Excellent Standing Effective 05/19/2022
Term Honours: Term Distinction

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Milestones

Date Completed	Description	Status
12/22/2017	English Proficiency	Completed
08/30/2018	Work Report 1	Completed
08/30/2018	Work Term 1	Completed
04/30/2019	Undergraduate Communication Requirement - Part 1	Completed
08/31/2019	Work Report 2	Completed
08/31/2019	Work Term 2	Completed
12/31/2019	Workplace Hazardous Materials Information System	Completed
04/30/2020	Work Report 3	Completed
04/30/2020	Work Term 3	Completed
12/31/2020	Work Report 4	Completed
12/31/2020	Work Term 4	Completed
08/31/2021	Work Term 5	Completed
12/31/2021	Work Term 6	Completed

Scholarships and Awards

2018	University of Waterloo President's Scholarship

Transfer Credits

Transfer Credit from CEGEP-Vanier College
Applied Toward Mathematics HCO Program

Course	Nbr	Description	Earned
ARTS	1XX	ARTS Transfer Credit	0.50
MATH	137	Calculus 1 for Honours Math	0.50
PHYS	121	Mechanics	0.50

End of Undergraduate Unofficial Transcript