Undergraduate Unofficial Transcript

Name: **Knowles, Robbie Henry**
Student ID: 20878339
Ontario Education Nbr: 186251187

Beginning of Undergraduate Record

Fall 2020

Program: Computer Science, Honours, Co-operative Program
Level: 1A Form Of Study: Enrolment

Course		Description	Attempted	Earned	Grade
CS	135	Designing Functional Programs	0.50	0.50	95
ECON	102	Introduction to Macroeconomics	0.50	0.50	96
MATH	135	Algebra for Honours Mathematics	0.50	0.50	92
MATH	137	Calculus 1 for Honours Mathematics	0.50	0.50	87
MTHEL	199	Special Topics	0.25	0.25	CR
Course Topic:		First year readiness			
SPCOM	100	Interpersonal Communication	0.50	0.50	87
			In GPA	Earned	
Term GPA	91.40	Term Totals	2.75	2.75	
Cumulative GPA	91.40	Cumulative Totals	2.50	2.75	

Faculty Average: 91.33 Computer Science, Honours, Co-operative Program
Academic Standing: Excellent Standing Effective 01/21/2021
Term Honours: Term Distinction

Winter 2021

Program: Computer Science, Honours, Co-operative Program
Level: 1B Form Of Study: Enrolment

Course		Description	Attempted	Earned	Grade
CS	136	Elementary Algorithm Design and Data Abstraction	0.50	0.50	92
ECON	101	Introduction to Microeconomics	0.50	0.50	99
MATH	136	Linear Algebra 1 for Honours Mathematics	0.50	0.50	92
MATH	138	Calculus 2 for Honours Mathematics	0.50	0.50	90
PHYS	111	Physics 1	0.50	0.50	94
			In GPA	Earned	
Term GPA	93.40	Term Totals	2.50	2.50	
Cumulative GPA	92.40	Cumulative Totals	5.00	5.25	

Faculty Average: 91.33 Computer Science, Honours, Co-operative Program
Academic Standing: Excellent Standing Effective 05/19/2021
Term Honours: Term Distinction

Fall 2021

Program: Computer Science, Honours, Co-operative Program
Level: 2A Form Of Study: Enrolment

Course		Description	Attempted	Earned	Grade
CS	245	Logic and Computation	0.50	0.50	89
CS	246E	Object-Oriented Software Development (Enriched)	0.50	0.50	88
ECON	206	Money and Banking 1	0.50	0.50	90
MATH	239	Introduction to Combinatorics	0.50	0.50	86
PD	1	Career Fundamentals	0.50	0.00	CR
STAT	230	Probability	0.50	0.50	91
			In GPA	Earned	
Term GPA	88.80	Term Totals	3.00	2.50	
Cumulative GPA	91.20	Cumulative Totals	7.50	7.75	

Major Average: 89.67 Computer Science, Honours, Co-operative Program
Faculty Average: 90.20 Computer Science, Honours, Co-operative Program
Academic Standing: Excellent Standing Effective 01/20/2022
Term Honours: Term Distinction

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Winter 2022

Program: Computer Science, Honours, Co-operative Program
Level: 2B   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		91.20 Cumulative Totals	7.50	7.75	
Major Average:		89.67 Computer Science, Honours, Co-operative Program			
Faculty Average:		90.20 Computer Science, Honours, Co-operative Program			

Spring 2022

Program: Computer Science, Honours, Co-operative Program
Level: 2B   Form Of Study: Enrolment

Course		Description	Attempted	Earned	Grade
CS	240	Data Structures and Data Management	0.50	0.50	78
CS	241	Foundations of Sequential Programs	0.50	0.50	86
CS	251	Computer Organization and Design	0.50	0.50	80
ENGL	101B	Introduction to Rhetorical Studies	0.50	0.50	90
STAT	231	Statistics	0.50	0.50	84
			In GPA	Earned	
Term GPA		83.60 Term Totals	2.50	2.50	
Cumulative GPA		89.30 Cumulative Totals	10.00	10.25	
Major Average:		85.50 Computer Science, Honours, Co-operative Program			
Faculty Average:		87.86 Computer Science, Honours, Co-operative Program			

Academic Standing: Excellent Standing Effective 09/13/2022
Term Honours: Term Distinction

Fall 2022

Program: Computer Science, Honours, Co-operative Program
          Artificial Intelligence Specialization
Level: 3A   Form Of Study: Co-op Work Term

Course		Description	Attempted	Earned	Grade
COOP	2	Co-operative Work Term	0.50	0.00	CR
PD	7	Conflict Resolution	0.50	0.00	CR
			In GPA	Earned	
Term GPA		0.00 Term Totals	1.00	0.00	
Cumulative GPA		89.30 Cumulative Totals	10.00	10.25	
Major Average:		85.50 Computer Science, Honours, Co-operative Program			
Faculty Average:		87.86 Computer Science, Honours, Co-operative Program			

Winter 2023

Program: Computer Science, Honours, Co-operative Program
          Artificial Intelligence Specialization
Level: 3A   Form Of Study: Enrolment

Course		Description	Attempted	Earned	Grade
CS	341	Algorithms	0.50	0.50	81
CS	350	Operating Systems	0.50	0.50	86
CS	370	Numerical Computation	0.50	0.50	86
CS	492	The Social Implications of Computing	0.50	0.50	85
ECON	201	Microeconomic Theory for Business and Policy	0.50	0.50	84
			In GPA	Earned	
Term GPA		84.40 Term Totals	2.50	2.50	
Cumulative GPA		88.32 Cumulative Totals	12.50	12.75	
Major Average:		85.10 Computer Science, Honours, Co-operative Program			
Faculty Average:		87.11 Computer Science, Honours, Co-operative Program			

Academic Standing: Excellent Standing Effective 05/19/2023
Term Honours: Term Distinction

University of Waterloo
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Waterloo Ontario Canada N2L3G1

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Spring 2023

Program: Computer Science, Honours, Co-operative Program
Artificial Intelligence Specialization
Level: 3B   Form Of Study: Co-op Work Term

Course		Description	Attempted	Earned	Grade
COOP	3	Co-operative Work Term			
PD	12	Critical Reflection for Growth in the Workplace			

Milestones

Date Completed	Description	Status
12/31/2020	Undergraduate Communication Requirement - Part 1	Completed
04/30/2022	Work Report 1	Completed
04/30/2022	Work Term 1	Completed
08/31/2022	Undergraduate Communication Requirement	Completed
12/31/2022	Work Term 2	Completed

Scholarships and Awards

2021   University of Waterloo President's Scholarship of Distinction

Transfer Credits

Transfer Credit from IB-Upper Canada College
Applied Toward Computer Science HC Program

Course	Nbr	Description	Earned
ECON	1XX	ECON Transfer Credit	0.50
MATH	1XX	MATH Transfer Credit	0.50

End of Undergraduate Unofficial Transcript